FIG. 1

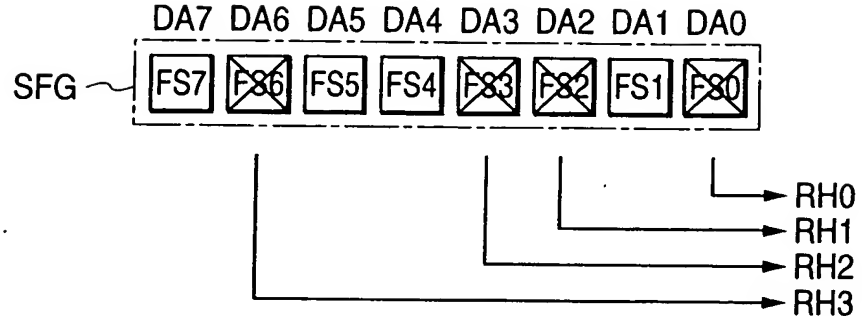

DA7 DA6 DA5 DA4 DA3 DA2 DA1 DA0
SFG
FS7
FS6
FS5
FS4
FS3
FS2
FS1
FS0
RH0
RH1
RH2
RH3

FIG. 2

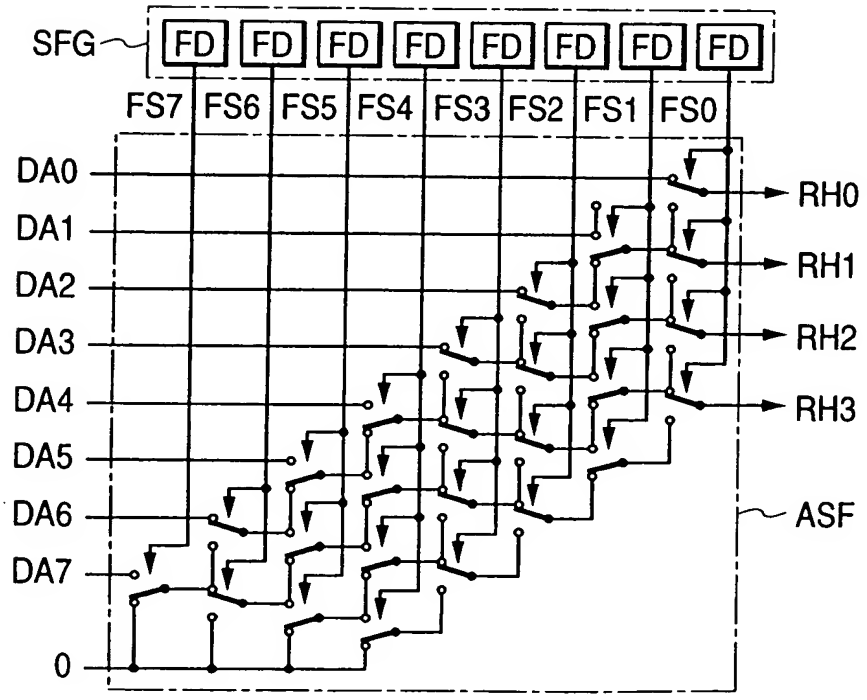

SFG
FD
FS7 FS6 FS5 FS4 FS3 FS2 FS1 FS0
DA0
DA1
DA2
DA3
DA4
DA5
DA6
DA7
0
RH0
RH1
RH2
RH3
ASF

FIG. 3

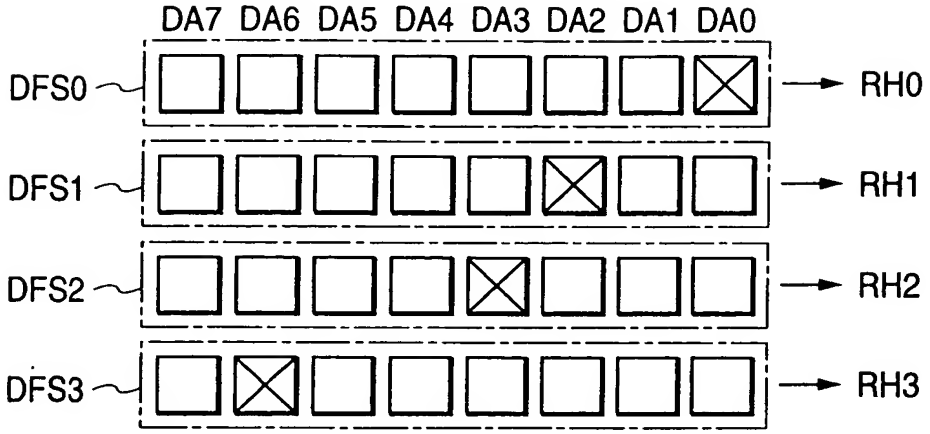

DA7 DA6 DA5 DA4 DA3 DA2 DA1 DA0
DFS0
DFS1
DFS2
DFS3
RH0
RH1
RH2
RH3

FIG. 4

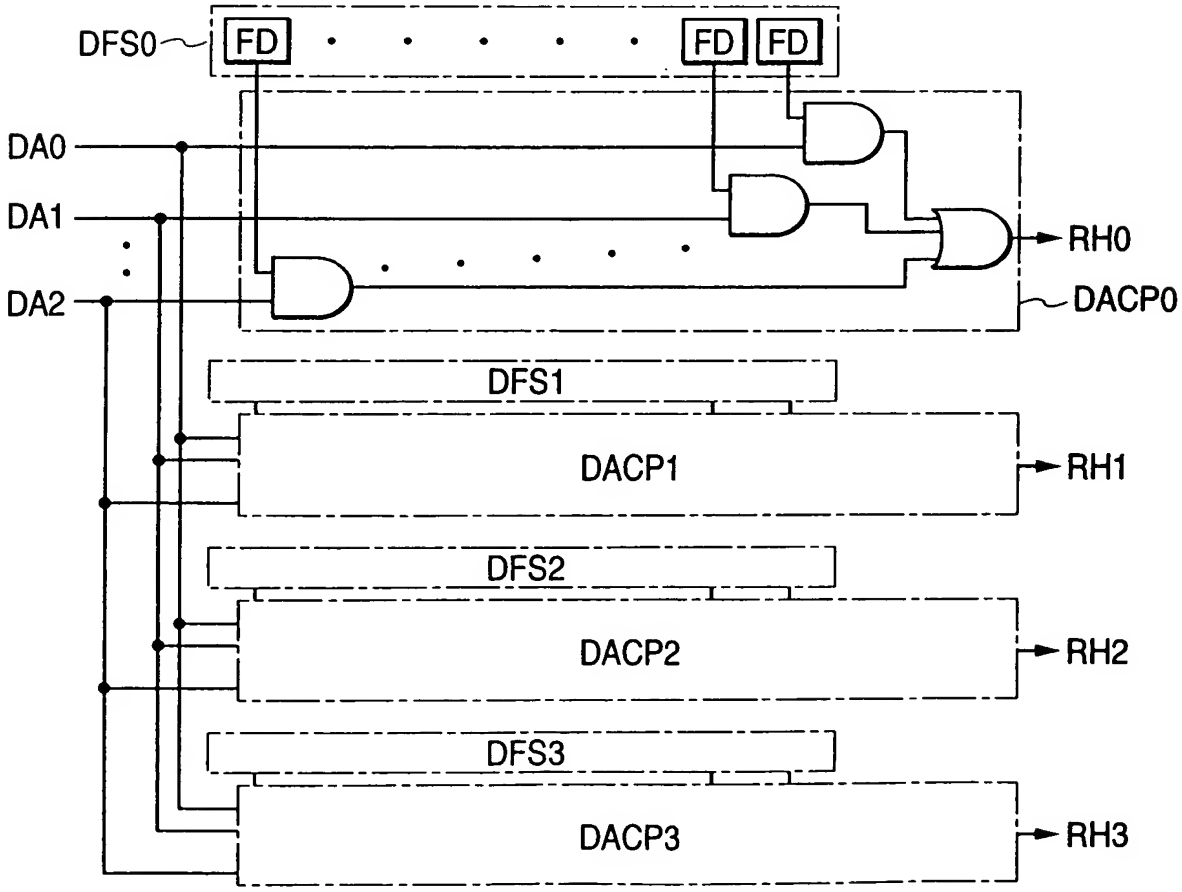

DFS0
FD
FD
FD
DA0
DA1
DA2
RH0
DACP0
DFS1
DACP1
RH1
DFS2
DACP2
RH2
DFS3
DACP3
RH3

FIG. 5

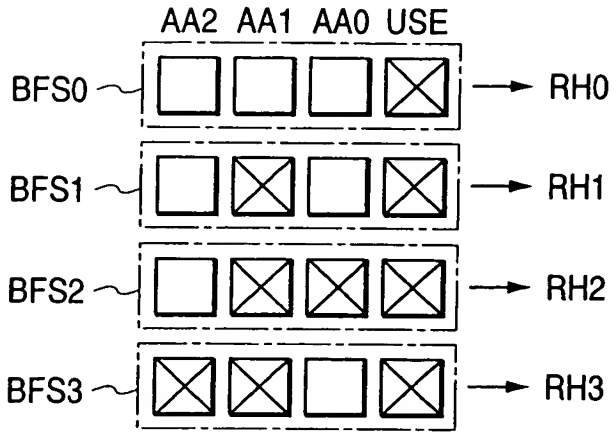

AA2 AA1 AA0 USE
BFS0
BFS1
BFS2
BFS3
RH0
RH1
RH2
RH3

FIG. 6

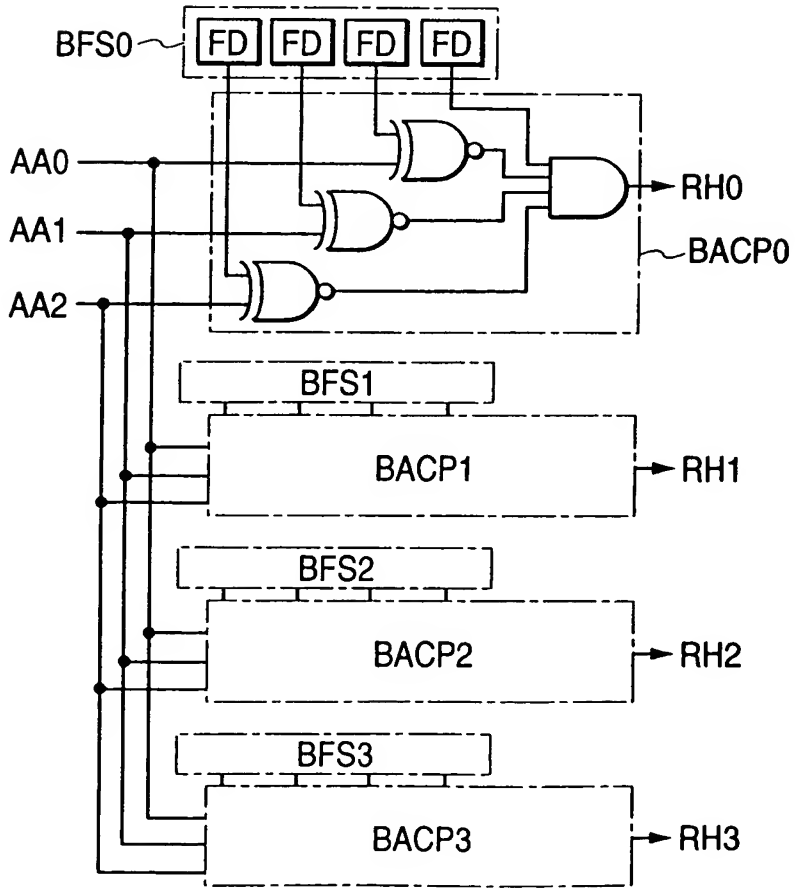

BFS0
FD
FD
FD
FD
AA0
AA1
AA2
RH0
BACP0
BFS1
BACP1
RH1
BFS2
BACP2
RH2
BFS3
BACP3
RH3

FIG. 7

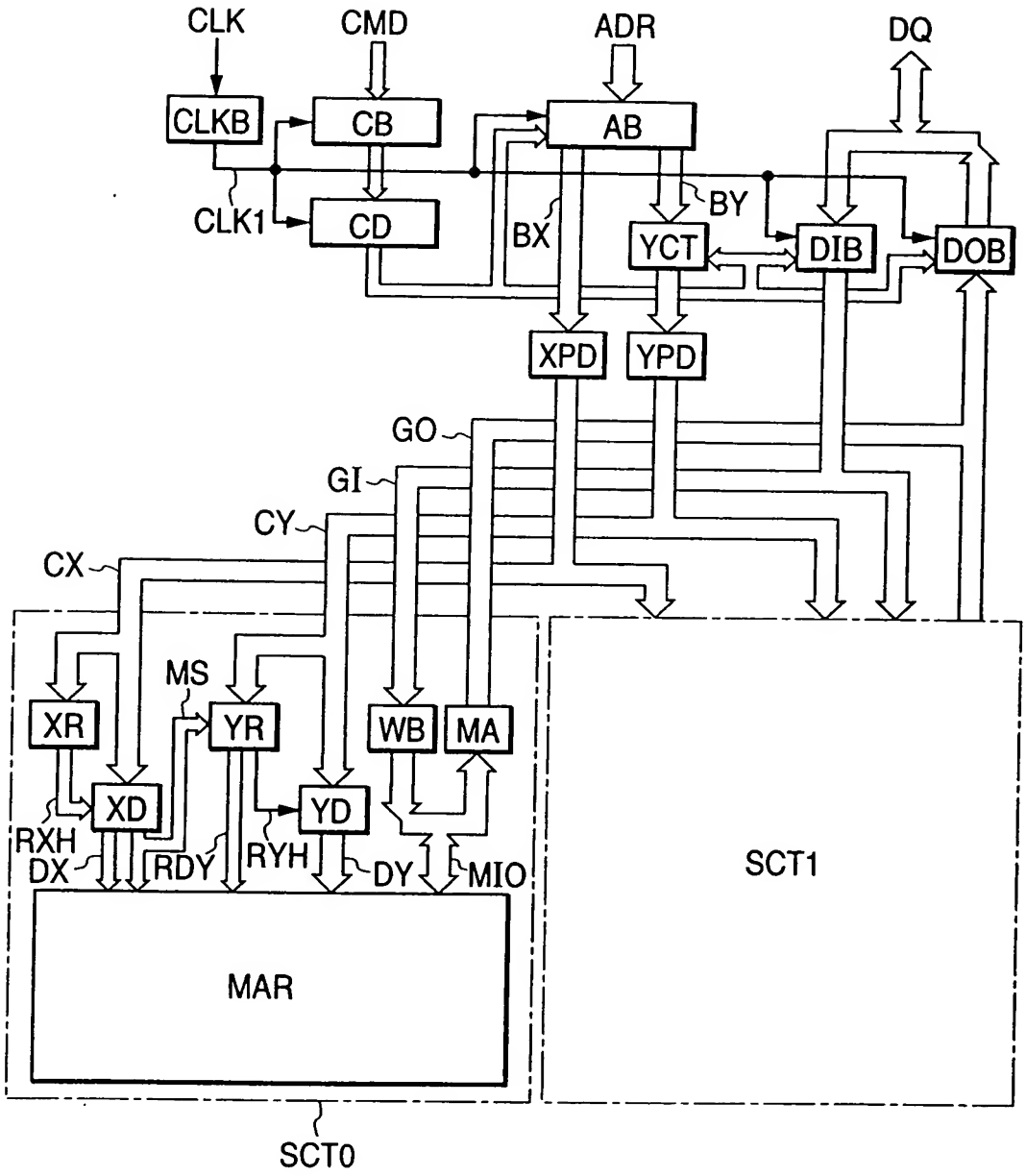

CLK
CMD
ADR
DQ
CLKB
CB
AB
CLK1
CD
BX
BY
YCT
DIB
DOB
XPD
YPD
GO
GI
CY
CX
MS
XR
YR
WB
MA
XD
YD
RXH
DX
RDY
RYH
DY
MIO
SCT1
MAR
SCT0

FIG. 8

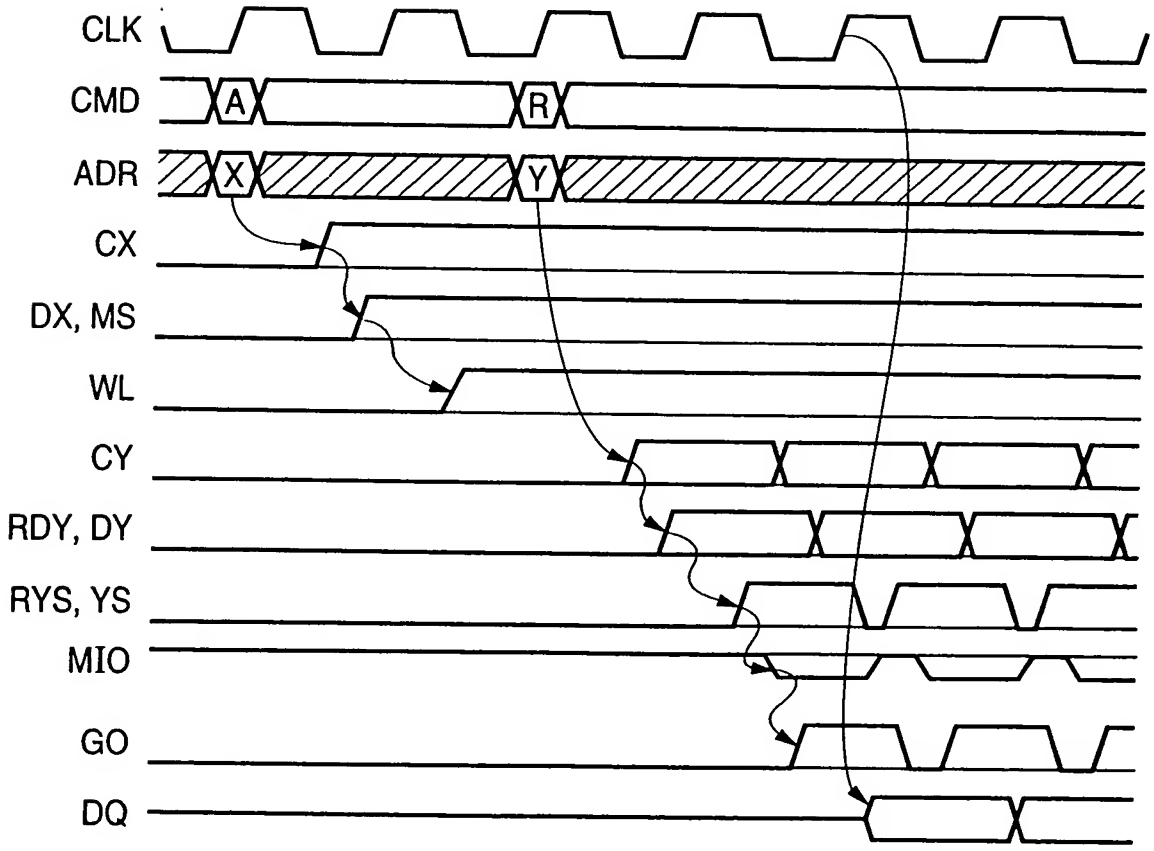


FIG. 9

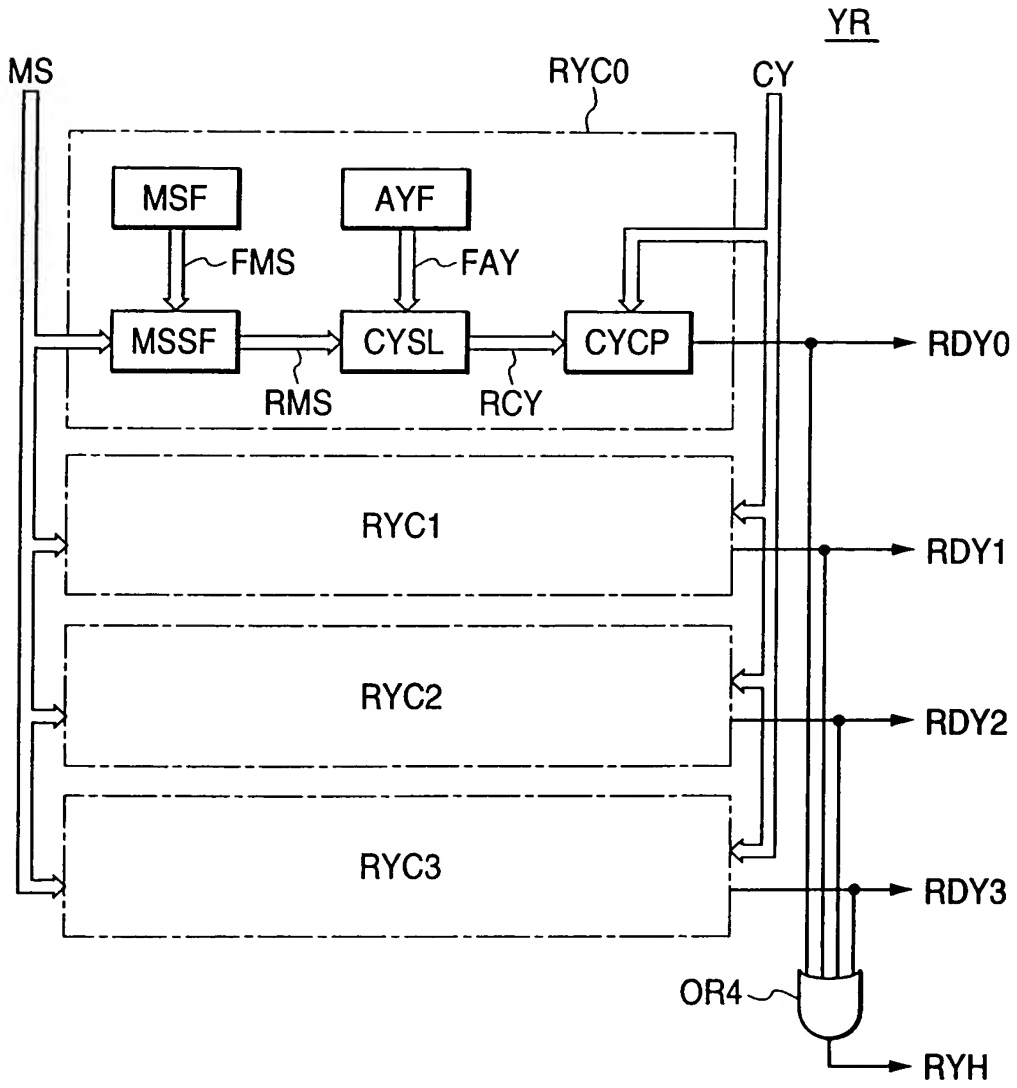

YR
MS
RYC0
CY
MSF
AYF
FMS
FAY
MSSF
CYSL
CYCP
RDY0
RMS
RCY
RYC1
RDY1
RYC2
RDY2
RYC3
RDY3
OR4
RYH

FIG. 10

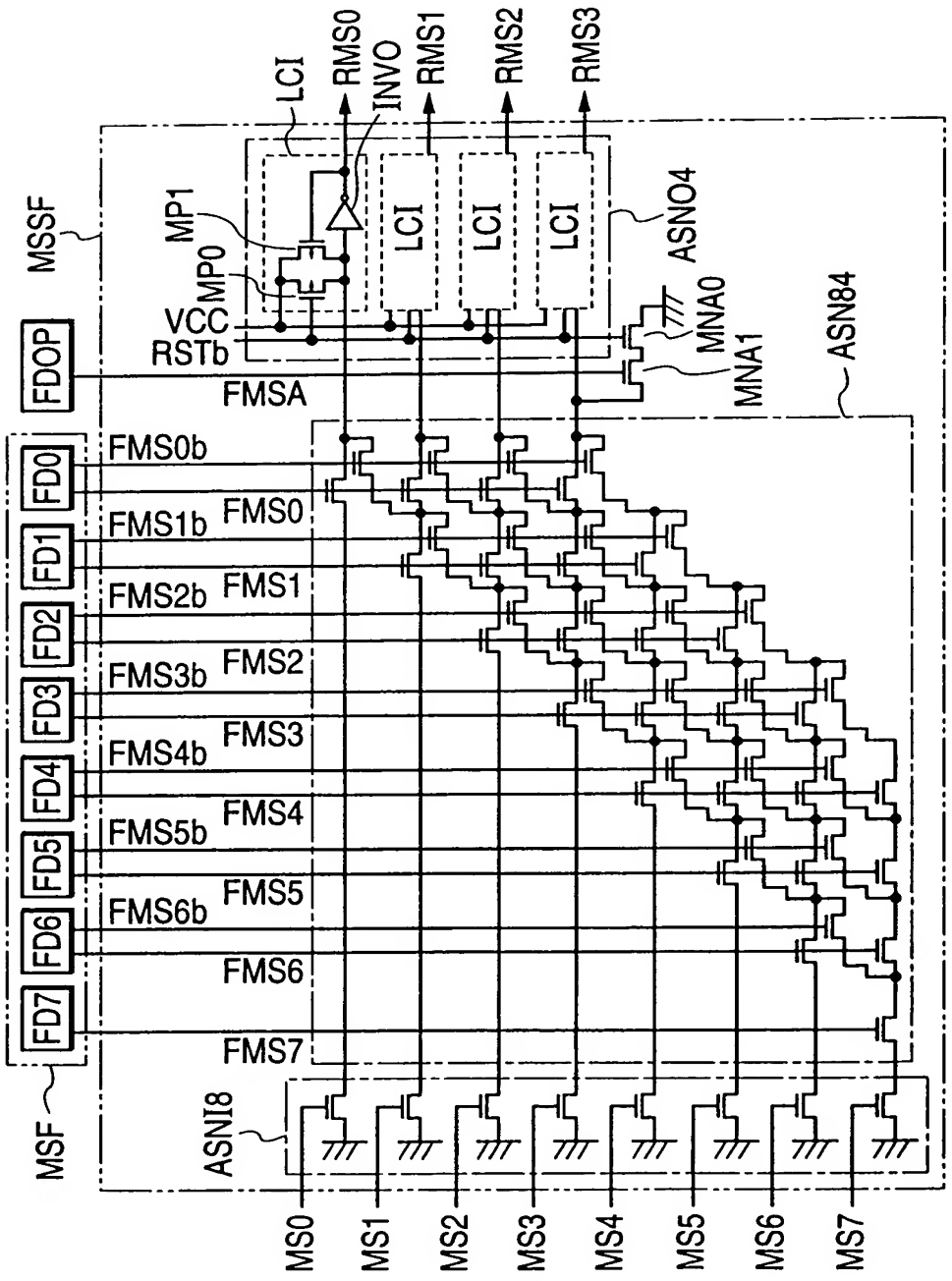

LCI
RMS0
INVO
RMS1
RMS2
RMS3
MSSF
MP1
MP0
LCI
LCI
LCI
ASNO4
VCC
RSTb
MNA0
MNA1
ASN84
FDOP
FMSA
FD0
FMS0b
FMS0
FD1
FMS1b
FMS1
FD2
FMS2b
FMS2
FD3
FMS3b
FMS3
FD4
FMS4b
FMS4
FD5
FMS5b
FMS5
FD6
FMS6b
FMS6
FD7
FMS7
MSF
ASNI8
MS0
MS1
MS2
MS3
MS4
MS5
MS6
MS7

FIG. 11

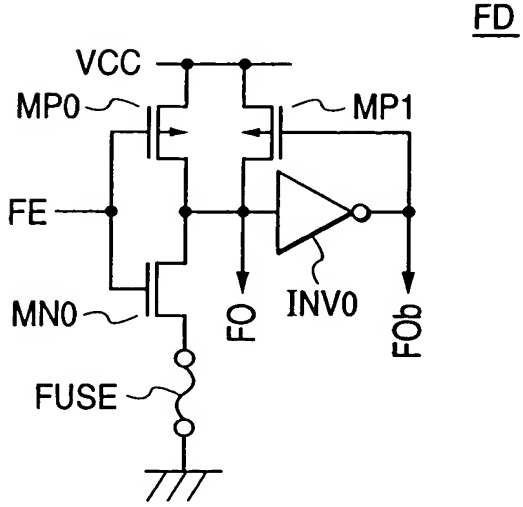

FD
VCC
MP0
MP1
FE
MN0
FO
INV0
FOb
FUSE

FIG. 12

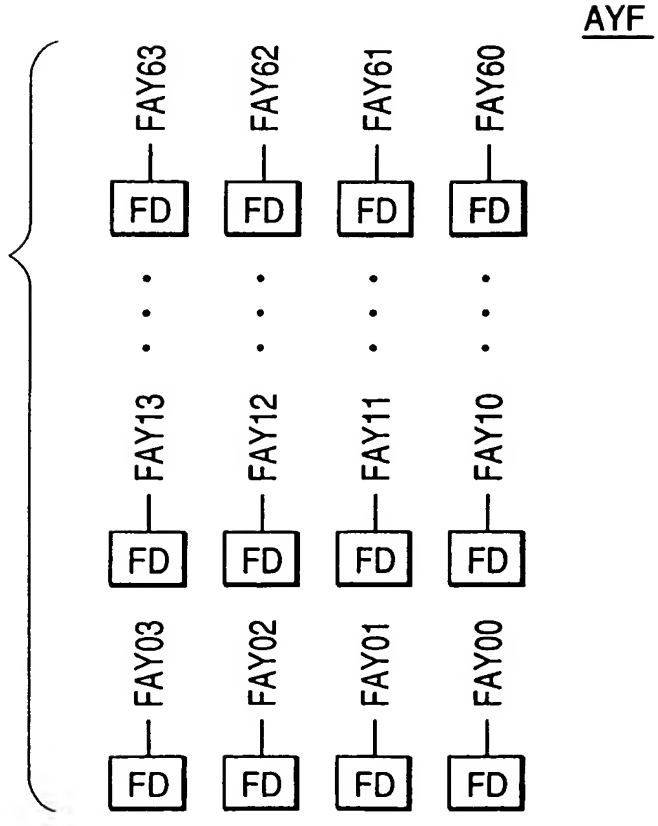

AYF
FAY63
FAY62
FAY61
FAY60
FD
FAY13
FAY12
FAY11
FAY10
FAY03
FAY02
FAY01
FAY00

FIG. 13

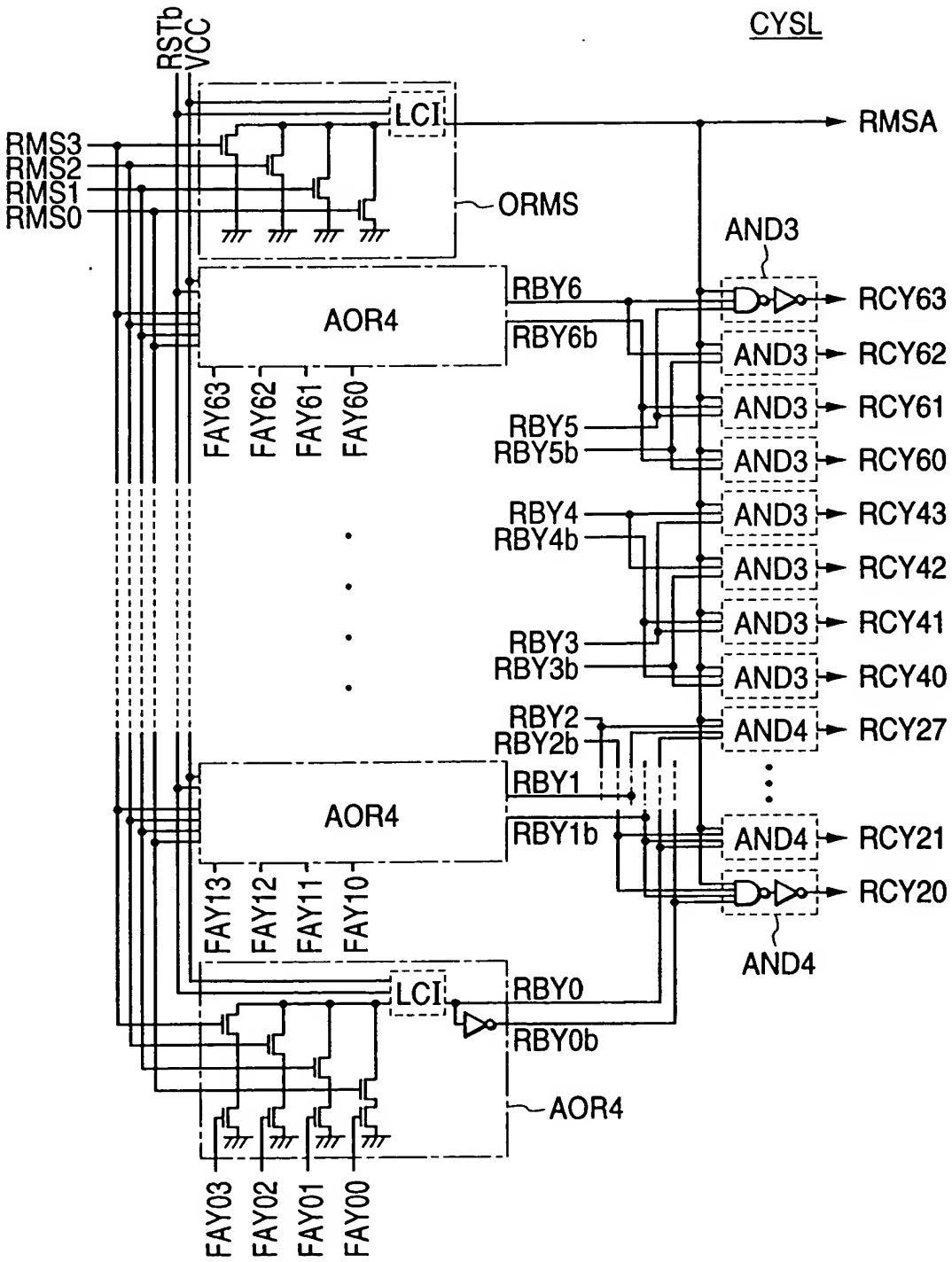

RSTb
VCC
CYSL
LCI
RMSA
RMS3
RMS2
RMS1
RMS0
ORMS
AND3
AOR4
RBY6
RBY6b
RCY63
AND3
RCY62
AND3
RCY61
RBY5
RBY5b
AND3
RCY60
FAY63
FAY62
FAY61
FAY60
RBY4
RBY4b
AND3
RCY43
AND3
RCY42
AND3
RCY41
RBY3
RBY3b
AND3
RCY40
RBY2
RBY2b
AND4
RCY27
AOR4
RBY1
RBY1b
AND4
RCY21
AND4
RCY20
FAY13
FAY12
FAY11
FAY10
LCI
RBY0
RBY0b
AOR4
FAY03
FAY02
FAY01
FAY00

FIG. 14

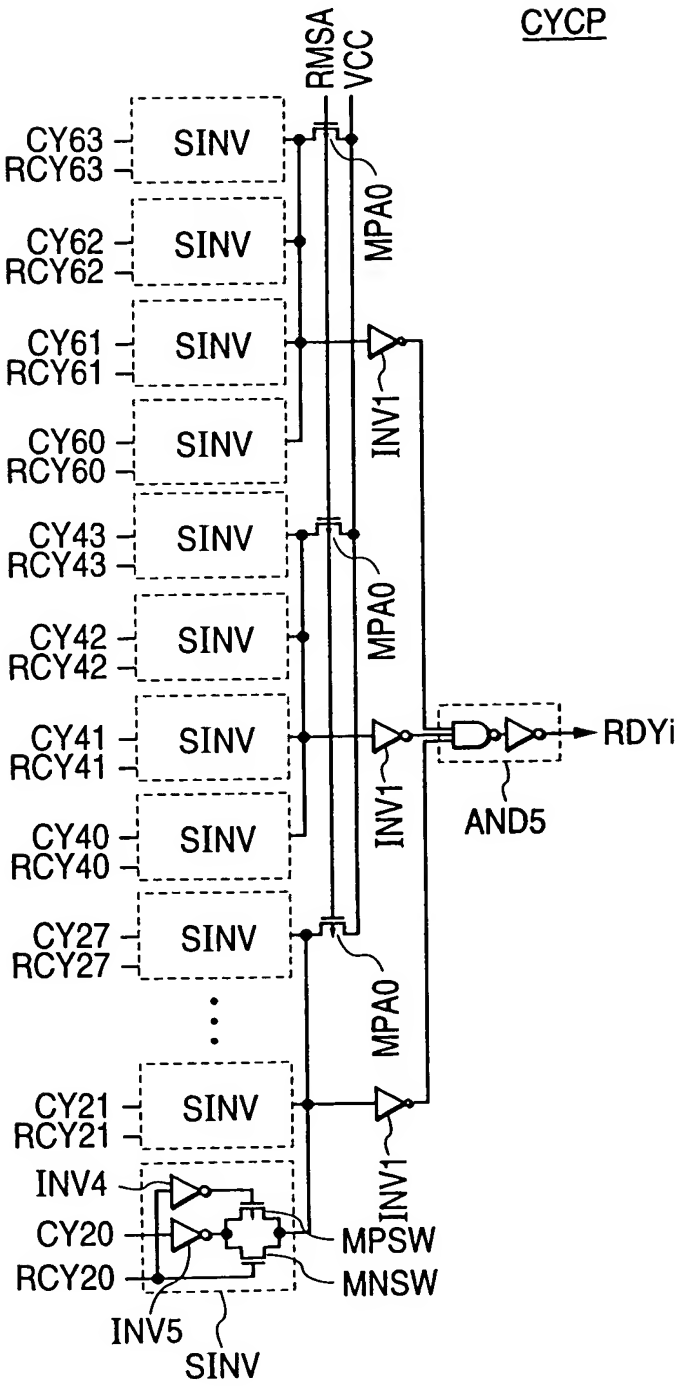

CYCP
RMSA
VCC
CY63
RCY63
SINV
CY62
RCY62
SINV
CY61
RCY61
SINV
CY60
RCY60
SINV
CY43
RCY43
SINV
CY42
RCY42
SINV
CY41
RCY41
SINV
CY40
RCY40
SINV
CY27
RCY27
SINV
CY21
RCY21
SINV
INV4
CY20
RCY20
INV5
SINV
MPA0
MPA0
MPA0
INV1
INV1
INV1
MPSW
MNSW
AND5
RDYi

FIG. 15

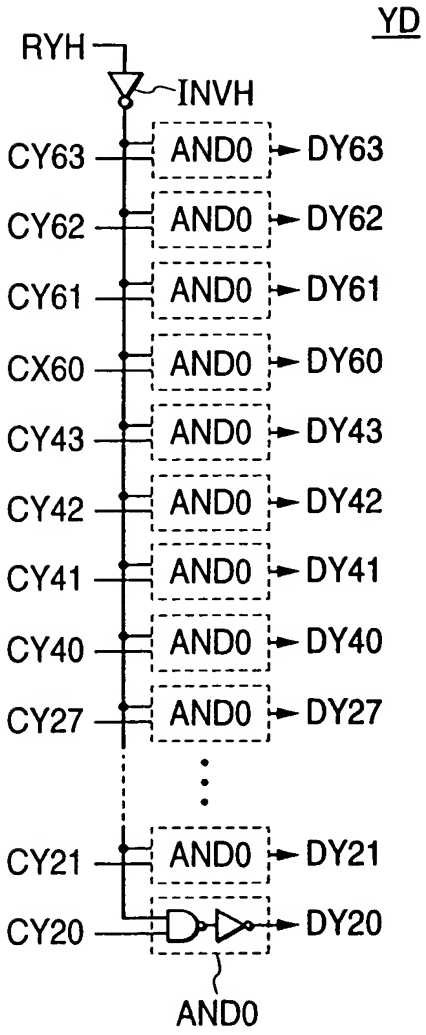

YD
RYH
INVH
CY63
AND0
DY63
CY62
AND0
DY62
CY61
AND0
DY61
CX60
AND0
DY60
CY43
AND0
DY43
CY42
AND0
DY42
CY41
AND0
DY41
CY40
AND0
DY40
CY27
AND0
DY27
CY21
AND0
DY21
CY20
DY20
AND0

FIG. 16

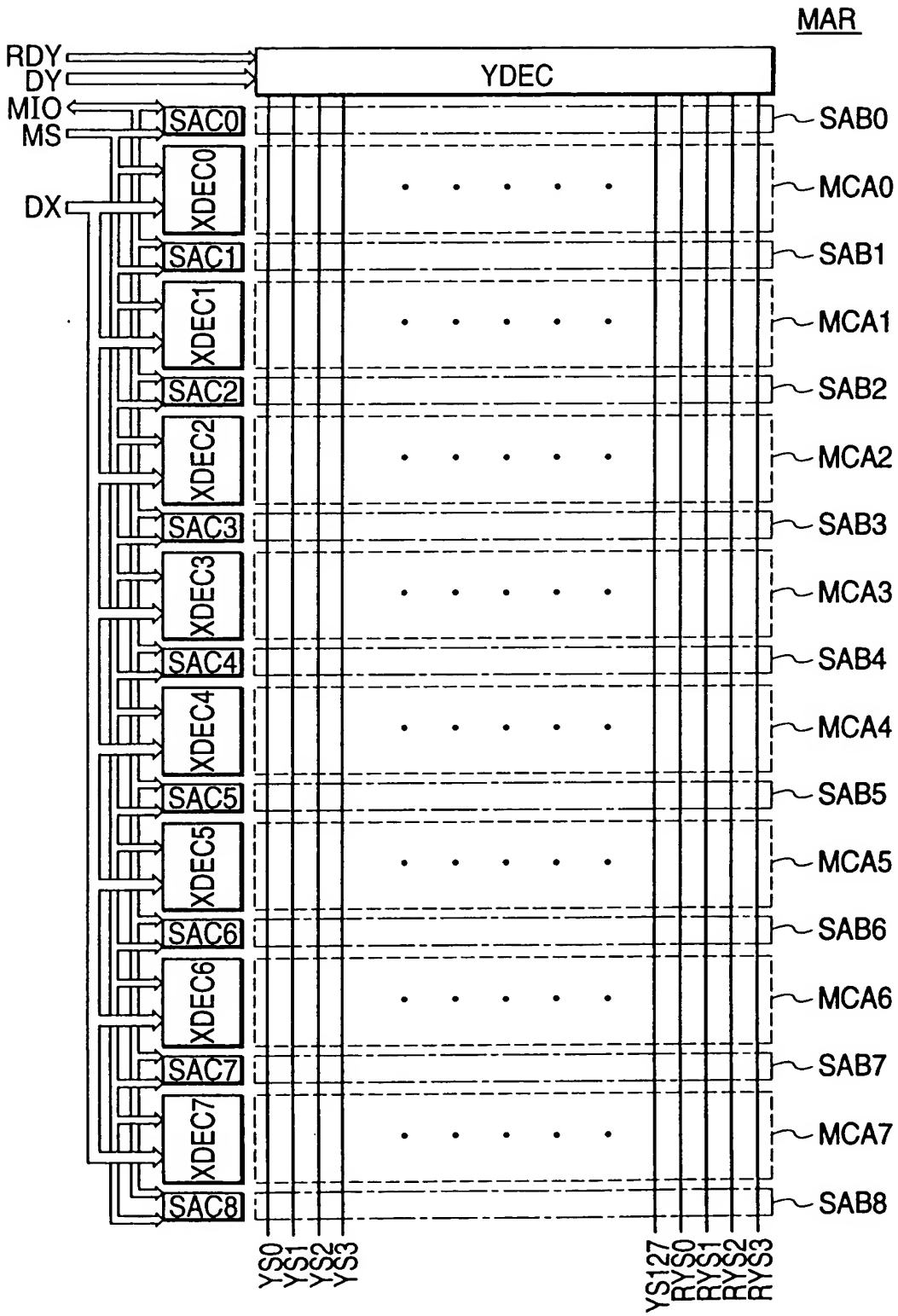

MAR
RDY
DY
MIO
MS
DX
YDEC
SAC0
XDEC0
SAC1
XDEC1
SAC2
XDEC2
SAC3
XDEC3
SAC4
XDEC4
SAC5
XDEC5
SAC6
XDEC6
SAC7
XDEC7
SAC8
SAB0
MCA0
SAB1
MCA1
SAB2
MCA2
SAB3
MCA3
SAB4
MCA4
SAB5
MCA5
SAB6
MCA6
SAB7
MCA7
SAB8
YS0
YS1
YS2
YS3
YS127
RYS0
RYS1
RYS2
RYS3

FIG. 17

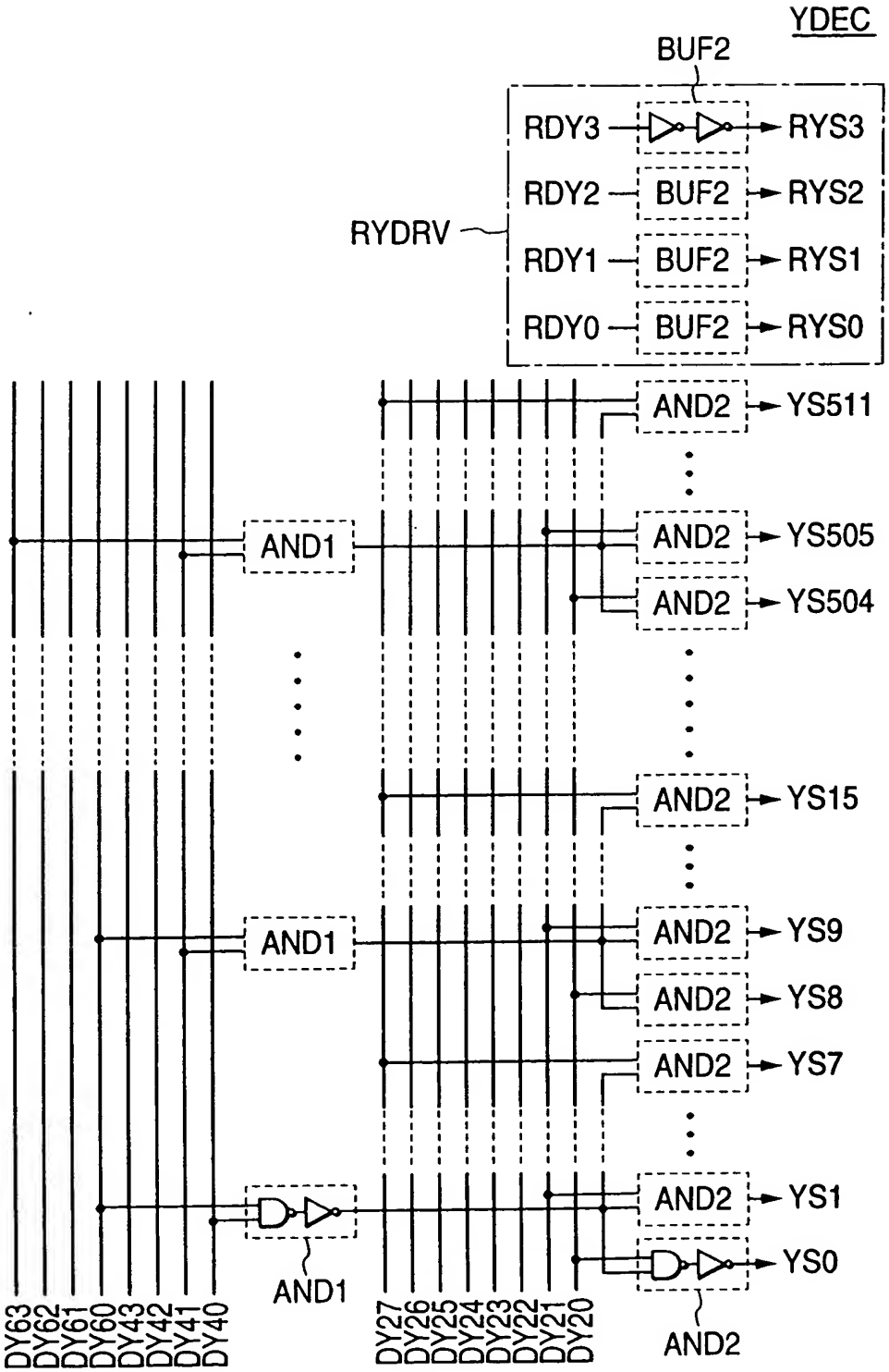

YDEC
BUF2
RDY3
RDY2
RDY1
RDY0
RYDRV
BUF2
BUF2
BUF2
RYS3
RYS2
RYS1
RYS0
AND1
AND1
AND1
AND2
AND2
AND2
AND2
AND2
AND2
AND2
AND2
YS511
YS505
YS504
YS15
YS9
YS8
YS7
YS1
YS0
DY63
DY62
DY61
DY60
DY43
DY42
DY41
DY40
DY27
DY26
DY25
DY24
DY23
DY22
DY21
DY20

FIG. 18

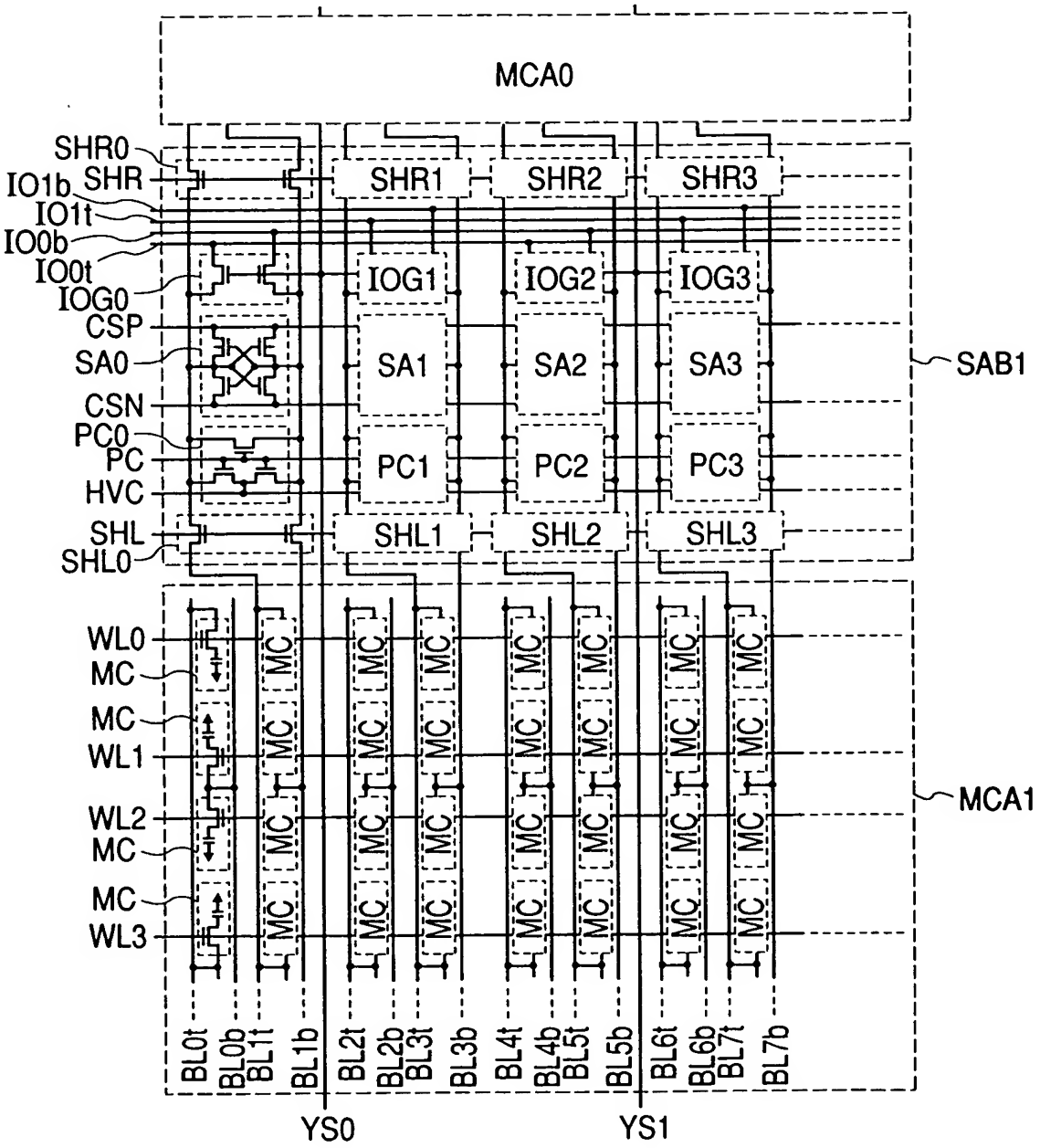
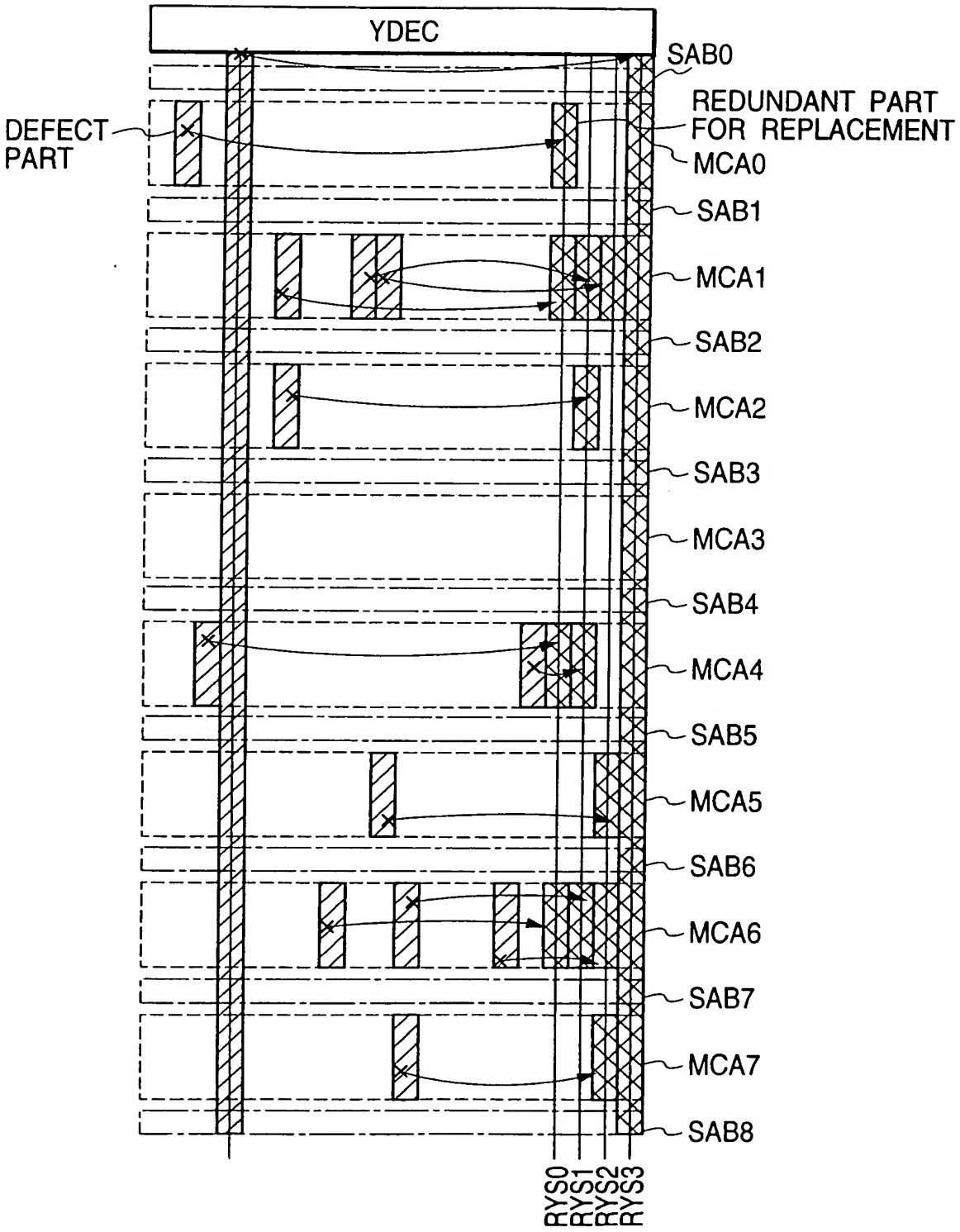

MCA0
SHR0
IO1b SHR
IO1t
IO0b
IO0t
IOG0
CSP
SA0
CSN
PC0
PC
HVC
SHL
SHL0
SHR1
SHR2
SHR3
IOG1
IOG2
IOG3
SA1
SA2
SA3
PC1
PC2
PC3
SHL1
SHL2
SHL3
SAB1
WL0
MC
MC
WL1
WL2
MC
MC
WL3
MCA1
BL0t
BL0b
BL1t
BL1b
BL2t
BL2b
BL3t
BL3b
BL4t
BL4b
BL5t
BL5b
BL6t
BL6b
BL7t
BL7b
YS0
YS1

FIG. 19


YDEC
SAB0
REDUNDANT PART
FOR REPLACEMENT
DEFECT
PART
MCA0
SAB1
MCA1
SAB2
MCA2
SAB3
MCA3
SAB4
MCA4
SAB5
MCA5
SAB6
MCA6
SAB7
MCA7
SAB8
RYS0
RYS1
RYS2
RYS3

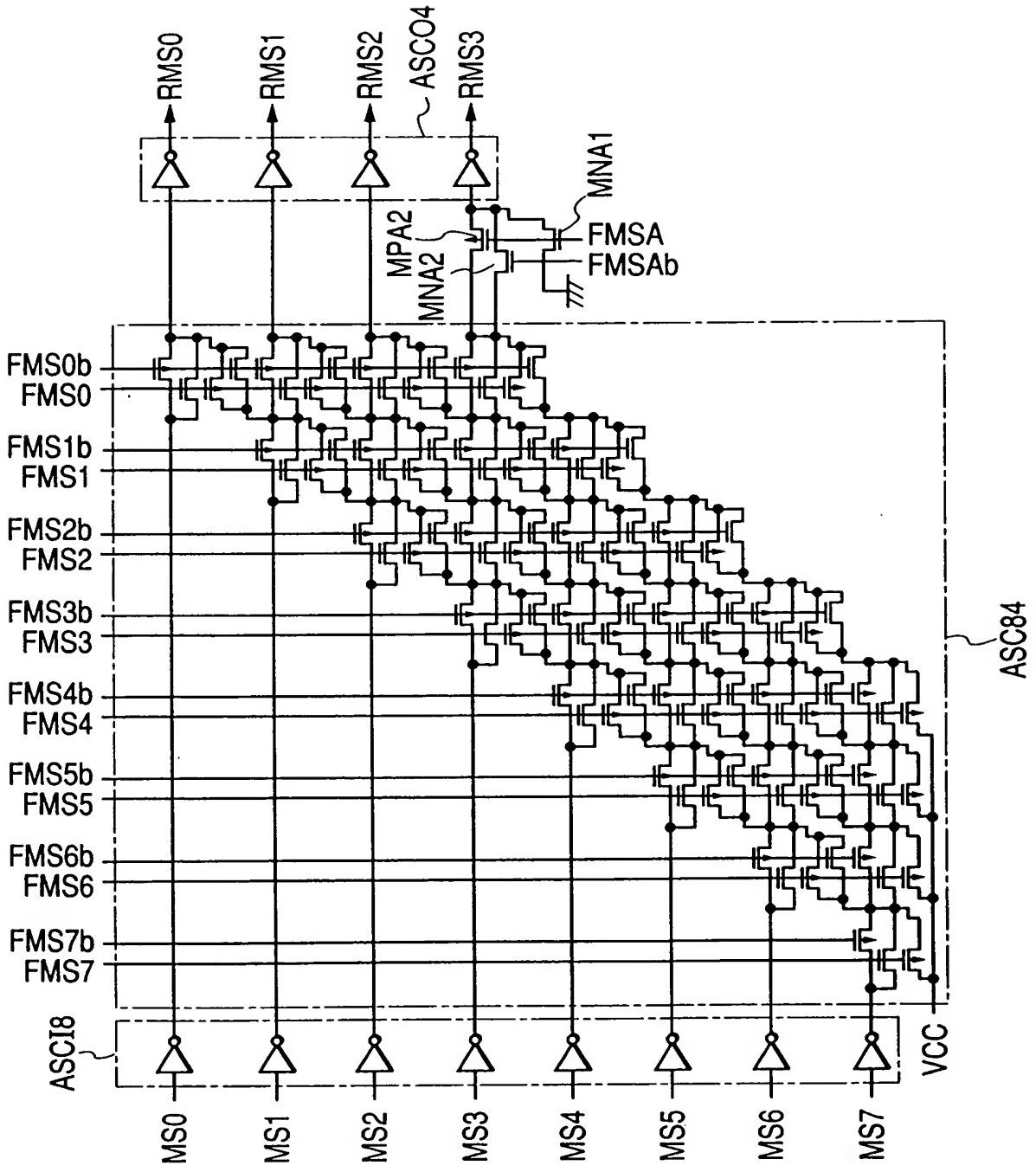

RMS0
RMS1
RMS2
ASCO4
RMS3
MNA1
MPA2
MNA2
FMSA
FMSAb
FMS0b
FMS0
FMS1b
FMS1
FMS2b
FMS2
FMS3b
FMS3
FMS4b
FMS4
FMS5b
FMS5
FMS6b
FMS6
FMS7b
FMS7
ASC84
ASCI8
VCC
MS0
MS1
MS2
MS3
MS4
MS5
MS6
MS7

FIG. 20

FIG. 21

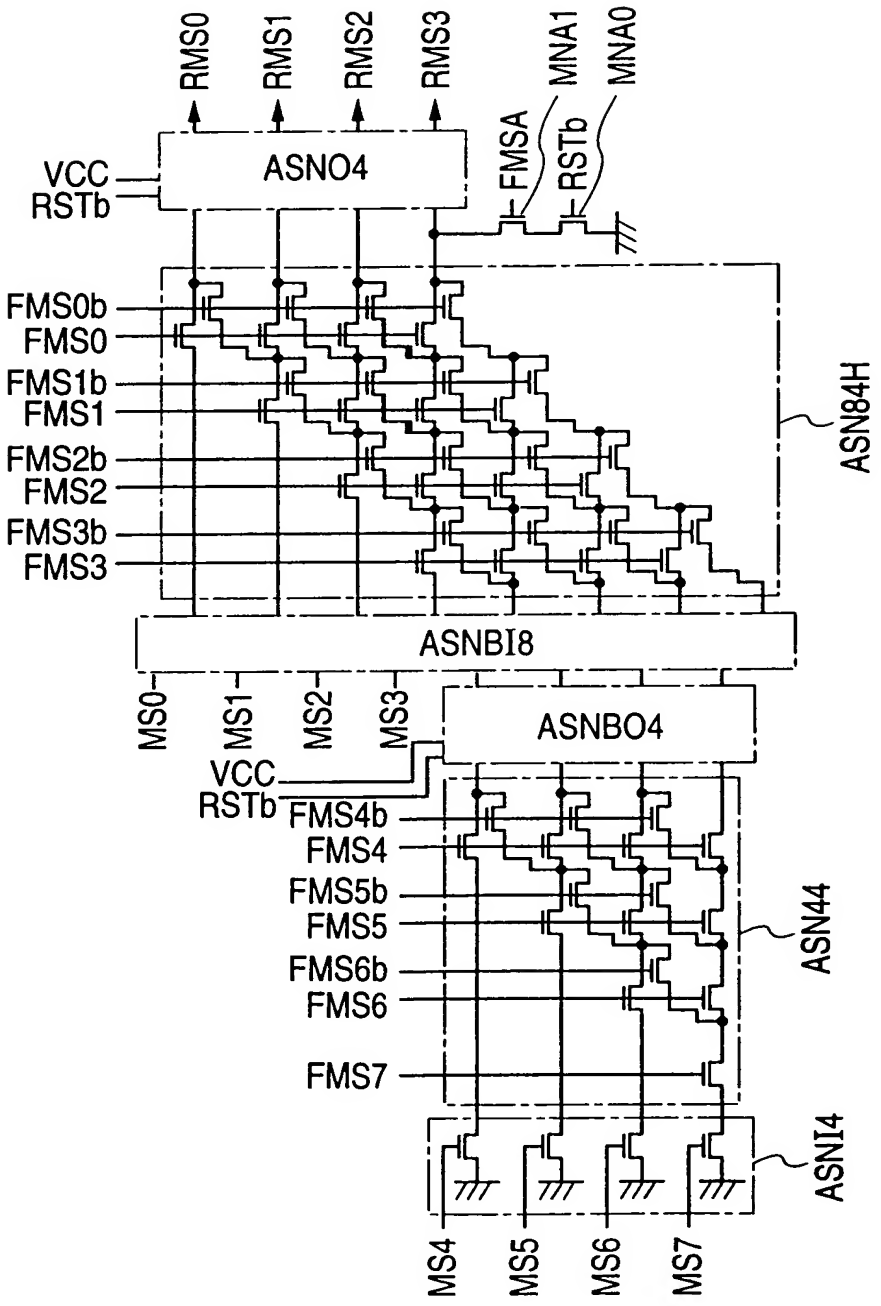

RMS0
RMS1
RMS2
RMS3
MNA1
MNA0
FMSA
RSTb
ASNO4
VCC
RSTb
FMS0b
FMS0
FMS1b
FMS1
FMS2b
FMS2
FMS3b
FMS3
ASN84H
ASNBI8
MS0
MS1
MS2
MS3
ASNBO4
VCC
RSTb
FMS4b
FMS4
FMS5b
FMS5
FMS6b
FMS6
FMS7
ASN44
ASNI4
MS4
MS5
MS6
MS7

FIG. 22

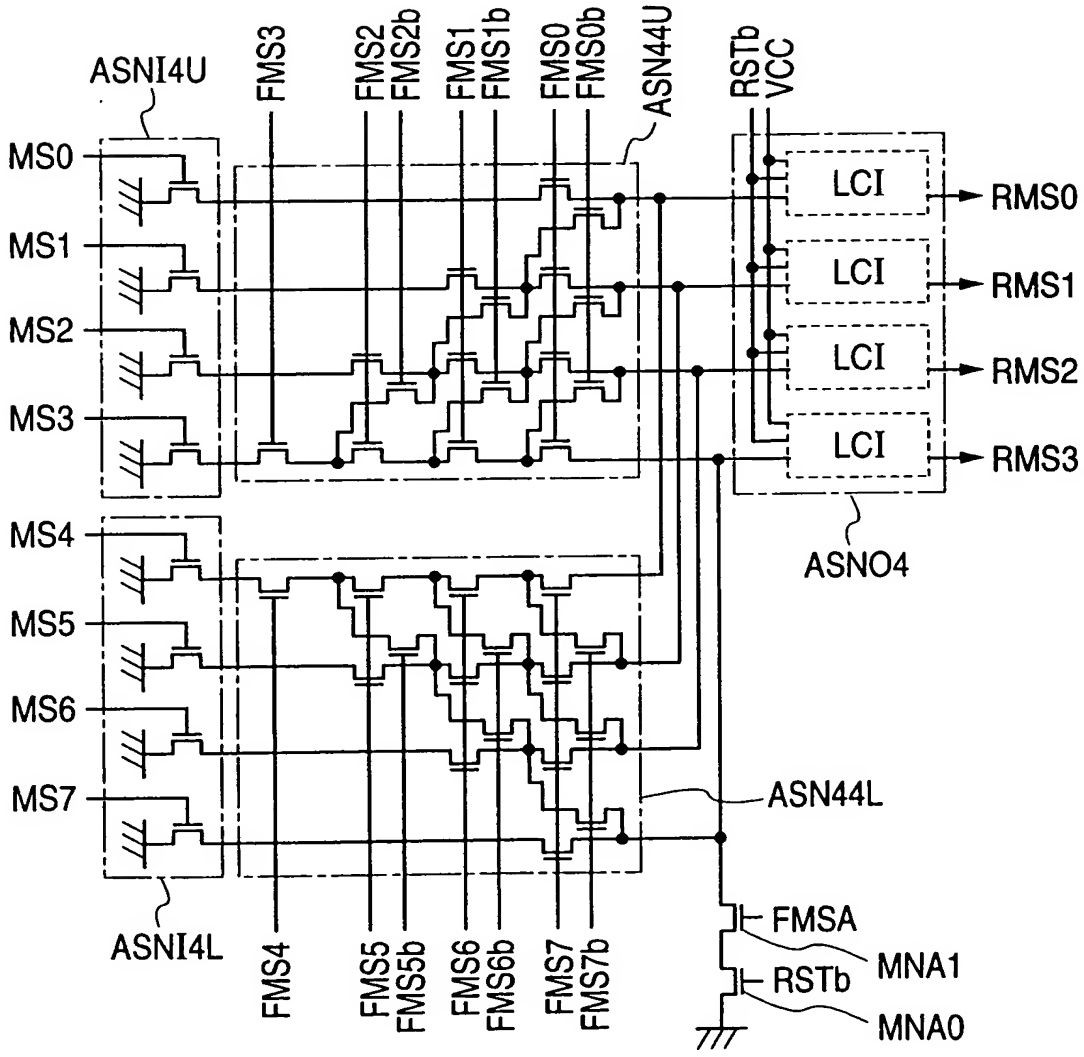

ASNI4U
FMS3
FMS2
FMS2b
FMS1
FMS1b
FMS0
FMS0b
ASN44U
RSTb
VCC
MS0
MS1
MS2
MS3
LCI
LCI
LCI
LCI
RMS0
RMS1
RMS2
RMS3
ASNO4
MS4
MS5
MS6
MS7
ASN44L
FMSA
RSTb
MNA1
MNA0
ASNI4L
FMS4
FMS5
FMS5b
FMS6
FMS6b
FMS7
FMS7b

FIG. 23

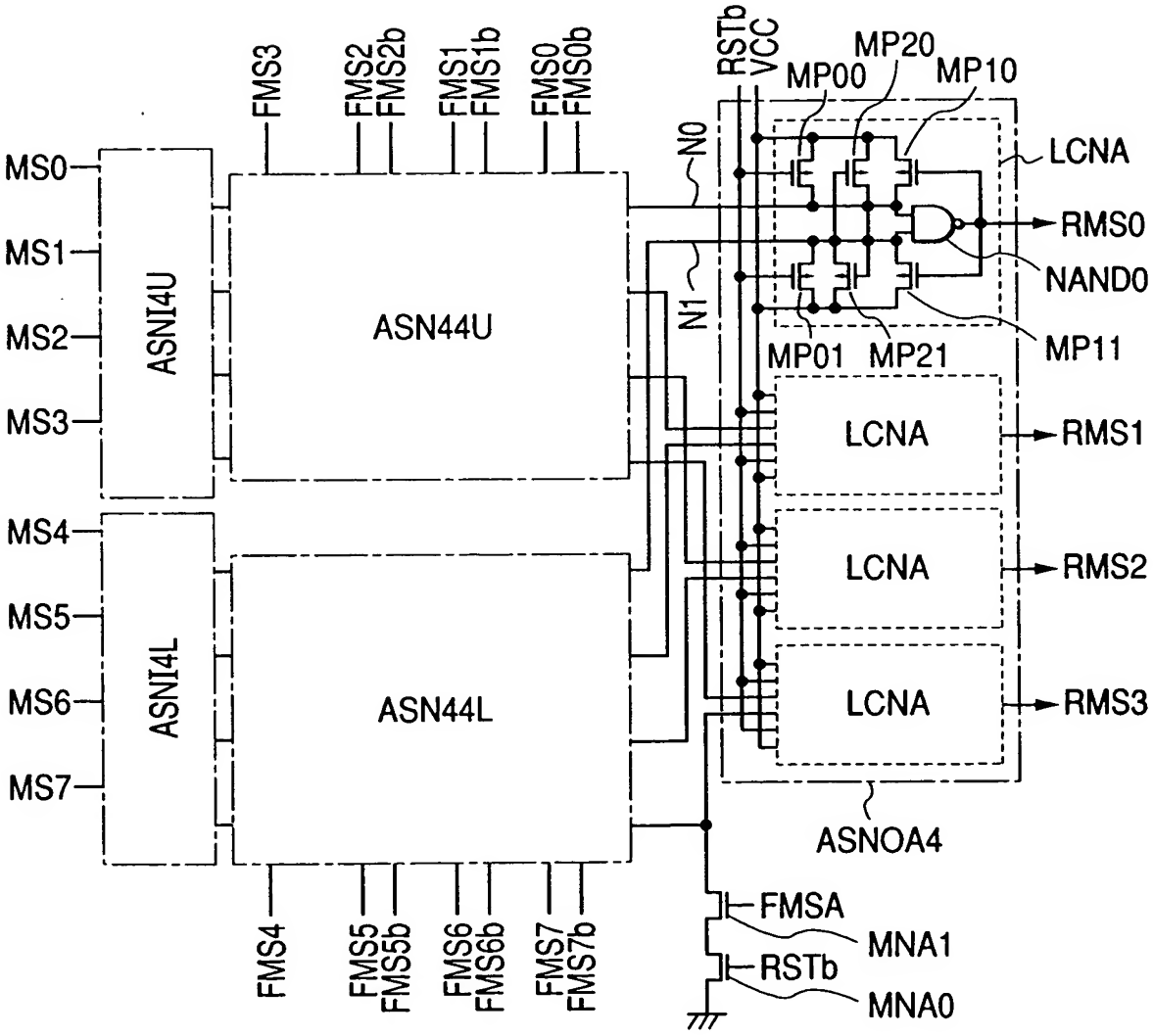

MS0
MS1
MS2
MS3
MS4
MS5
MS6
MS7
ASNI4U
ASNI4L
ASN44U
ASN44L
FMS3
FMS2
FMS2b
FMS1
FMS1b
FMS0
FMS0b
FMS4
FMS5
FMS5b
FMS6
FMS6b
FMS7
FMS7b
RSTb
VCC
MP00
MP20
MP10
N0
N1
LCNA
RMS0
NAND0
MP01
MP21
MP11
LCNA
RMS1
LCNA
RMS2
LCNA
RMS3
ASNOA4
FMSA
MNA1
RSTb
MNA0

FIG. 24

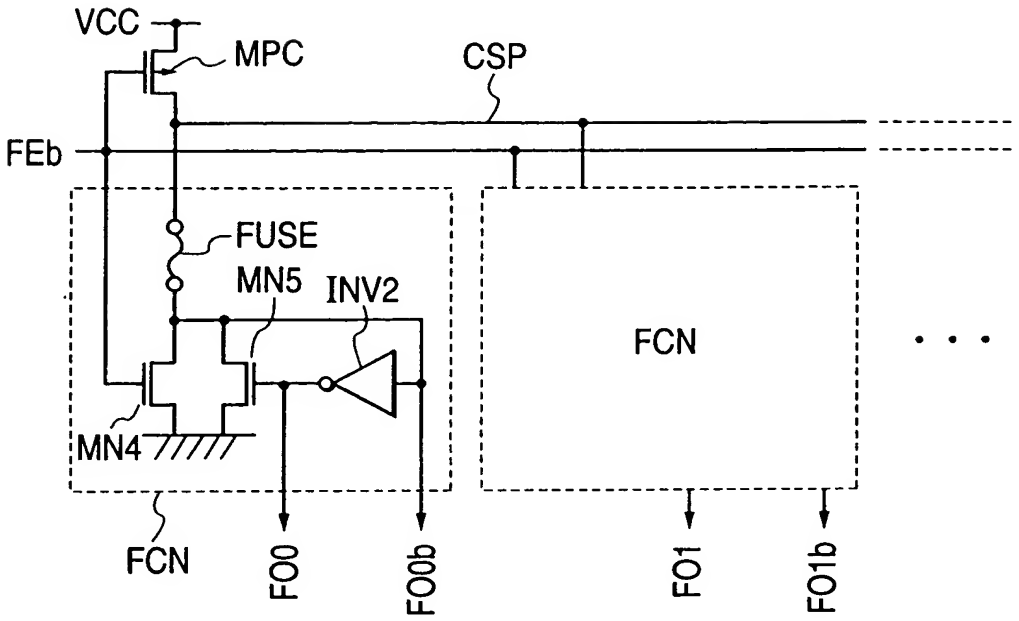

VCC
MPC
CSP
FEb
FUSE
MN5
INV2
FCN
MN4
FCN
FO0
FO0b
FO1
FO1b

FIG. 25

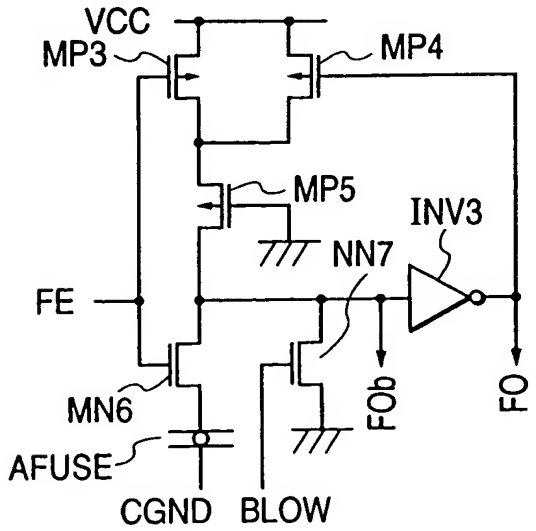

VCC
MP3
MP4
MP5
INV3
NN7
FE
MN6
AFUSE
CGND
BLOW
FOb
FO

FIG. 26

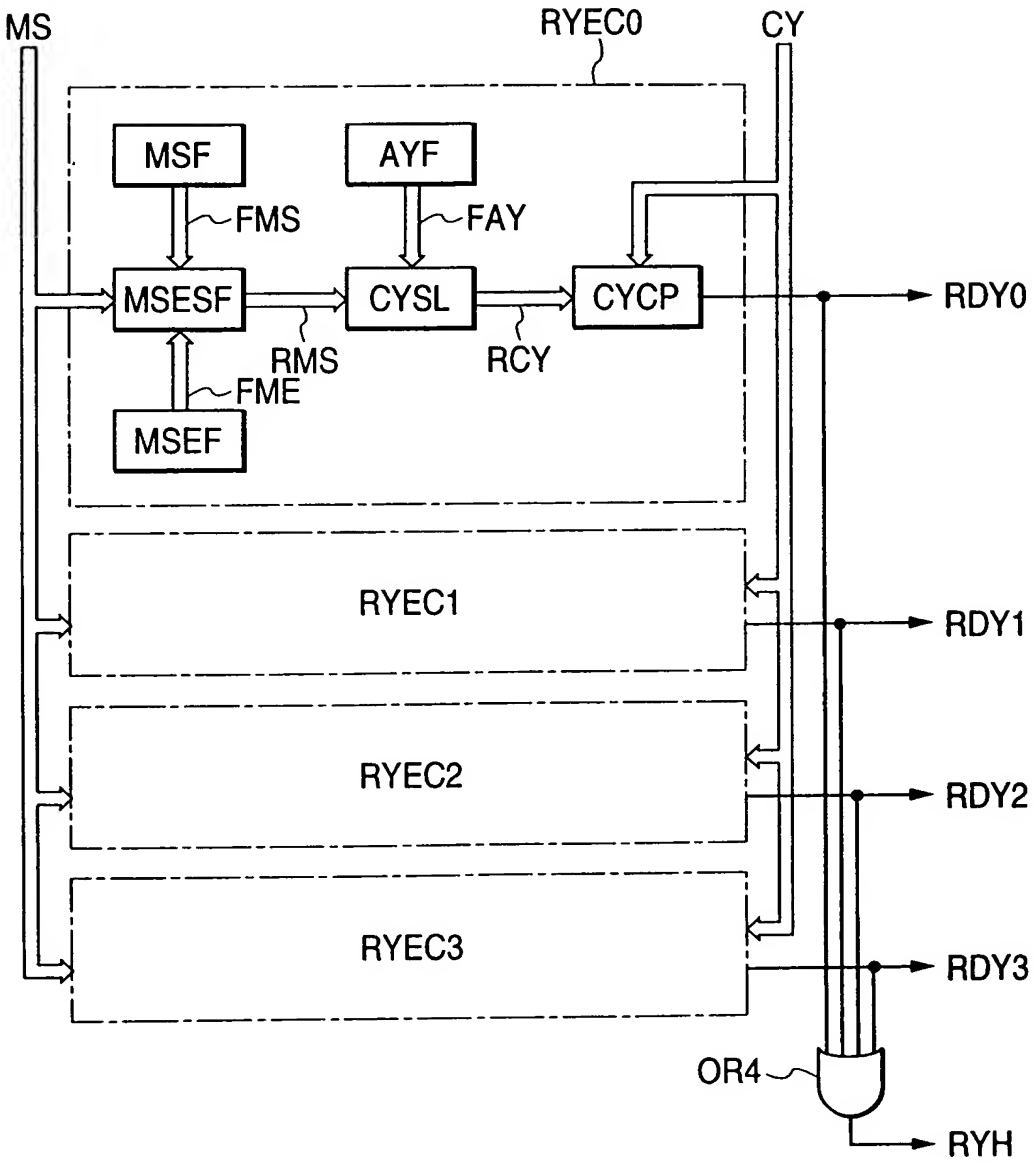

MS
RYEC0
CY
MSF
AYF
FMS
FAY
MSESF
CYSL
CYCP
RDY0
RMS
RCY
FME
MSEF
RYEC1
RDY1
RYEC2
RDY2
RYEC3
RDY3
OR4
RYH

FIG. 27

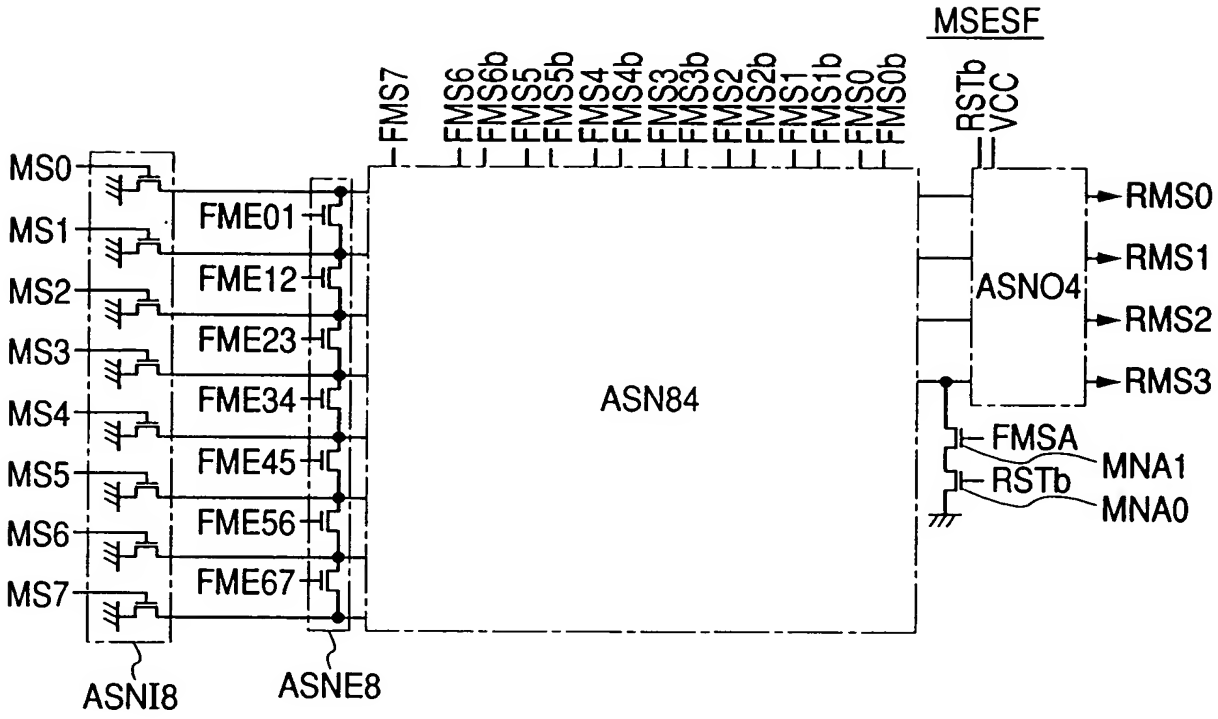

MSESF
FMS7
FMS6
FMS6b
FMS5
FMS5b
FMS4
FMS4b
FMS3
FMS3b
FMS2
FMS2b
FMS1
FMS1b
FMS0
FMS0b
RSTb
VCC
MS0
MS1
MS2
MS3
MS4
MS5
MS6
MS7
FME01
FME12
FME23
FME34
FME45
FME56
FME67
ASN84
ASNO4
RMS0
RMS1
RMS2
RMS3
FMSA
RSTb
MNA1
MNA0
ASNI8
ASNE8

FIG. 28

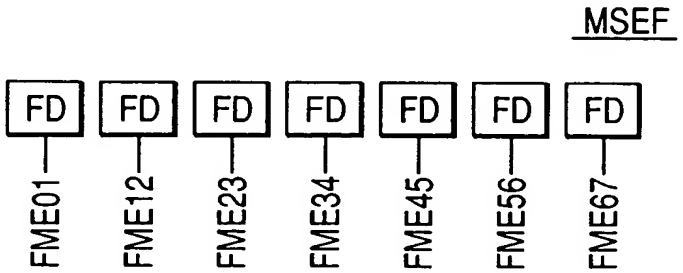

MSEF
FD
FD
FD
FD
FD
FD
FD
FME01
FME12
FME23
FME34
FME45
FME56
FME67

FIG. 29

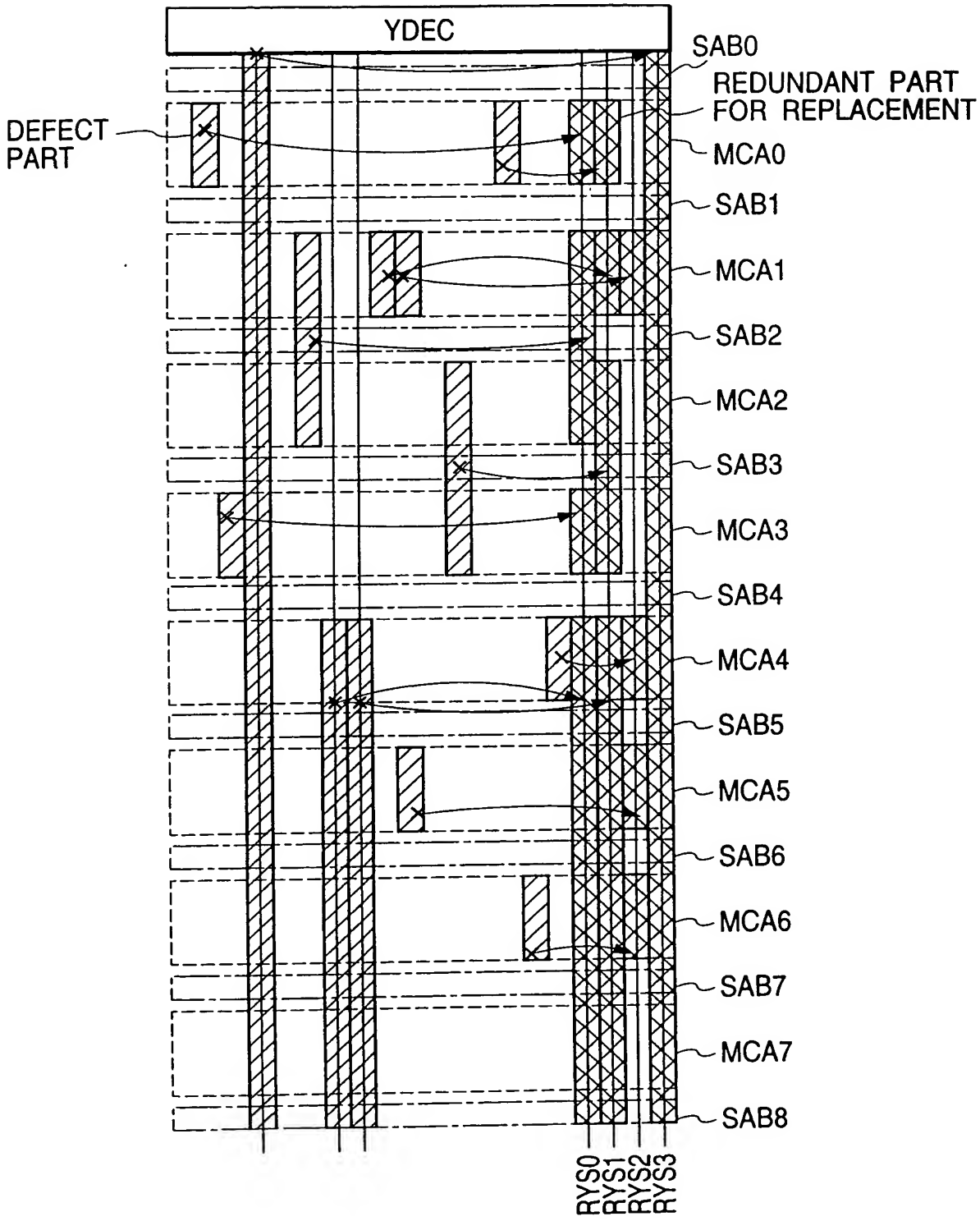

YDEC
SAB0
REDUNDANT PART
FOR REPLACEMENT
DEFECT
PART
MCA0
SAB1
MCA1
SAB2
MCA2
SAB3
MCA3
SAB4
MCA4
SAB5
MCA5
SAB6
MCA6
SAB7
MCA7
SAB8
RYS0
RYS1
RYS2
RYS3

FIG. 30

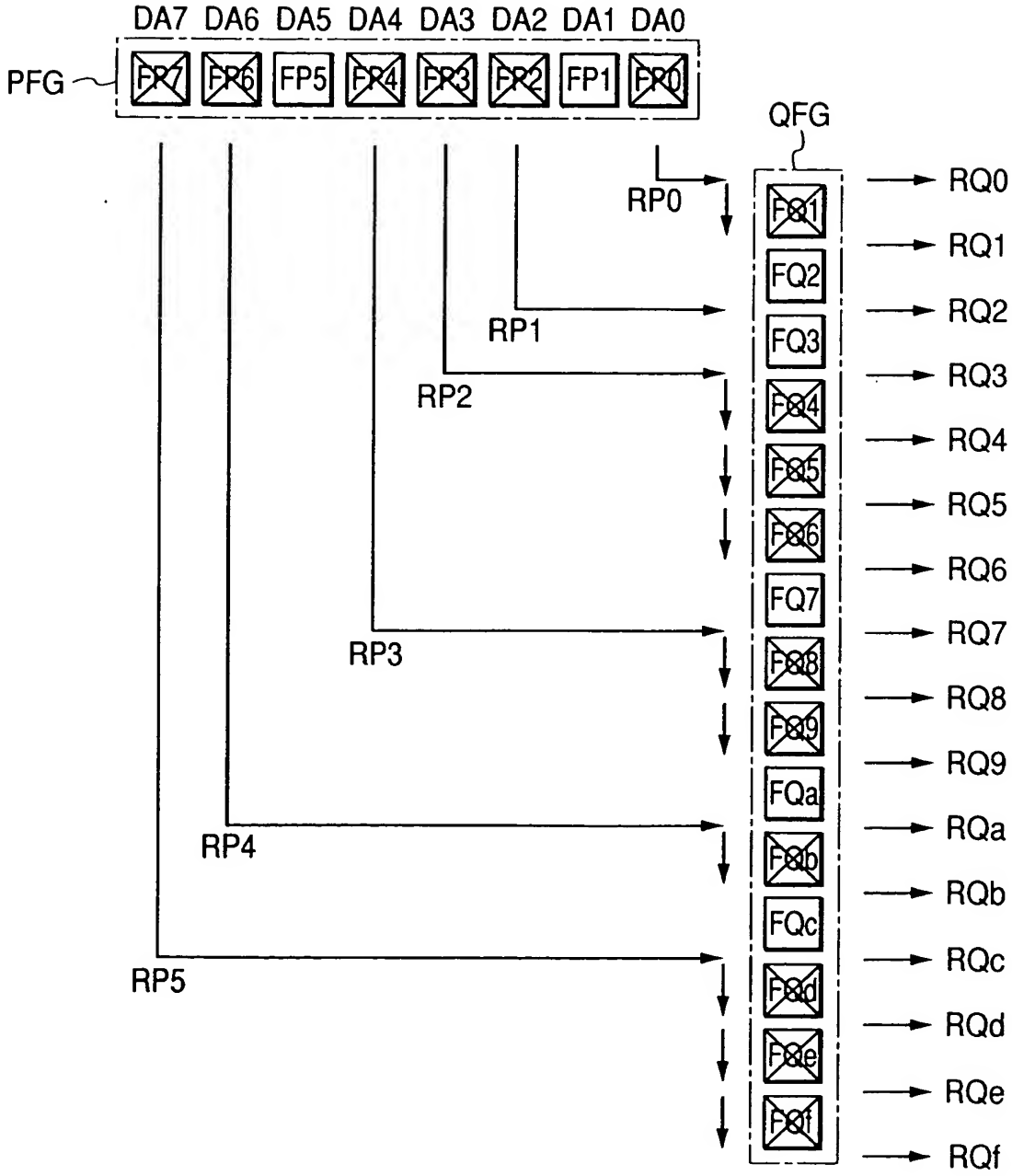
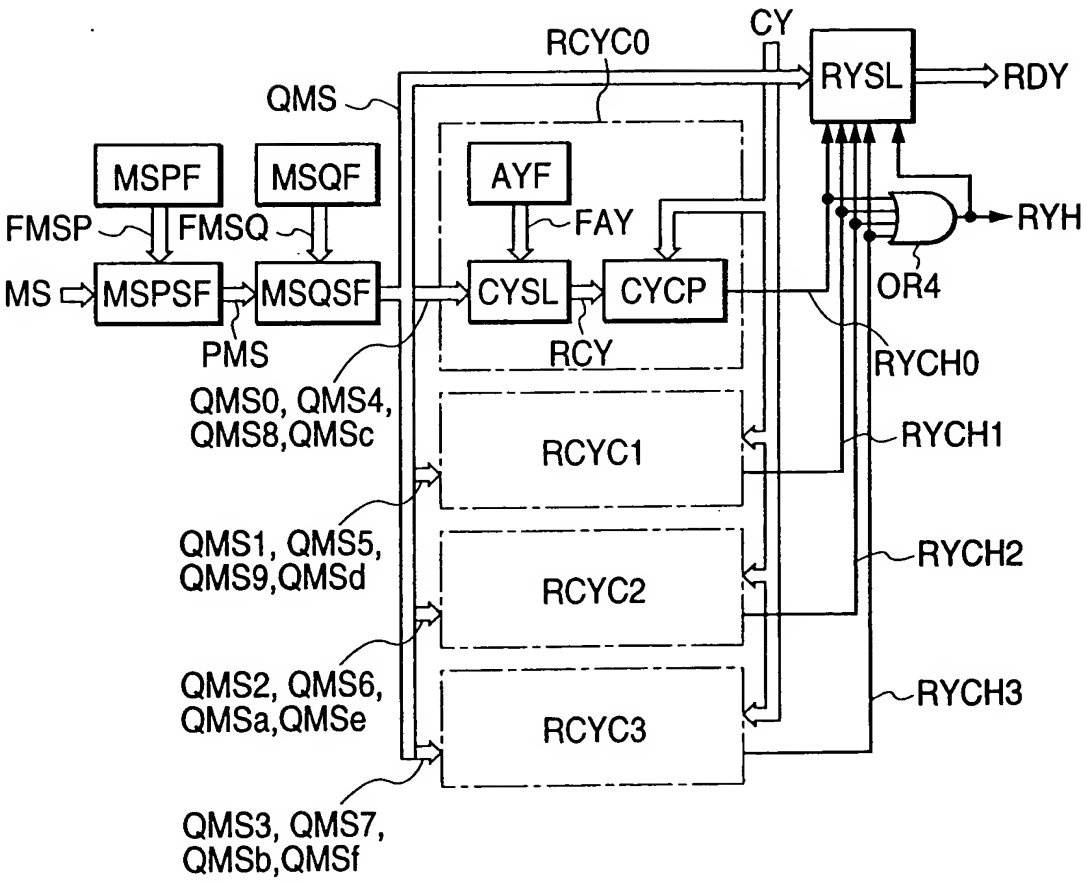

DA7 DA6 DA5 DA4 DA3 DA2 DA1 DA0
PFG
FP7 FP6 FP5 FP4 FP3 FP2 FP1 FP0
QFG
RP0
RP1
RP2
RP3
RP4
RP5
FQ1 FQ2 FQ3 FQ4 FQ5 FQ6 FQ7 FQ8 FQ9 FQa FQb FQc FQd FQe FQf
RQ0 RQ1 RQ2 RQ3 RQ4 RQ5 RQ6 RQ7 RQ8 RQ9 RQa RQb RQc RQd RQe RQf

FIG. 31


RCYC0
CY
RYSL
RDY
QMS
MSPF
MSQF
AYF
FMSP
FMSQ
FAY
RYH
MS
MSPSF
MSQSF
CYSL
CYCP
OR4
PMS
RCY
RYCH0
QMS0, QMS4,
QMS8,QMSc
RCYC1
RYCH1
QMS1, QMS5,
QMS9,QMSd
RCYC2
RYCH2
QMS2, QMS6,
QMSa,QMSe
RCYC3
RYCH3
QMS3, QMS7,
QMSb,QMSf

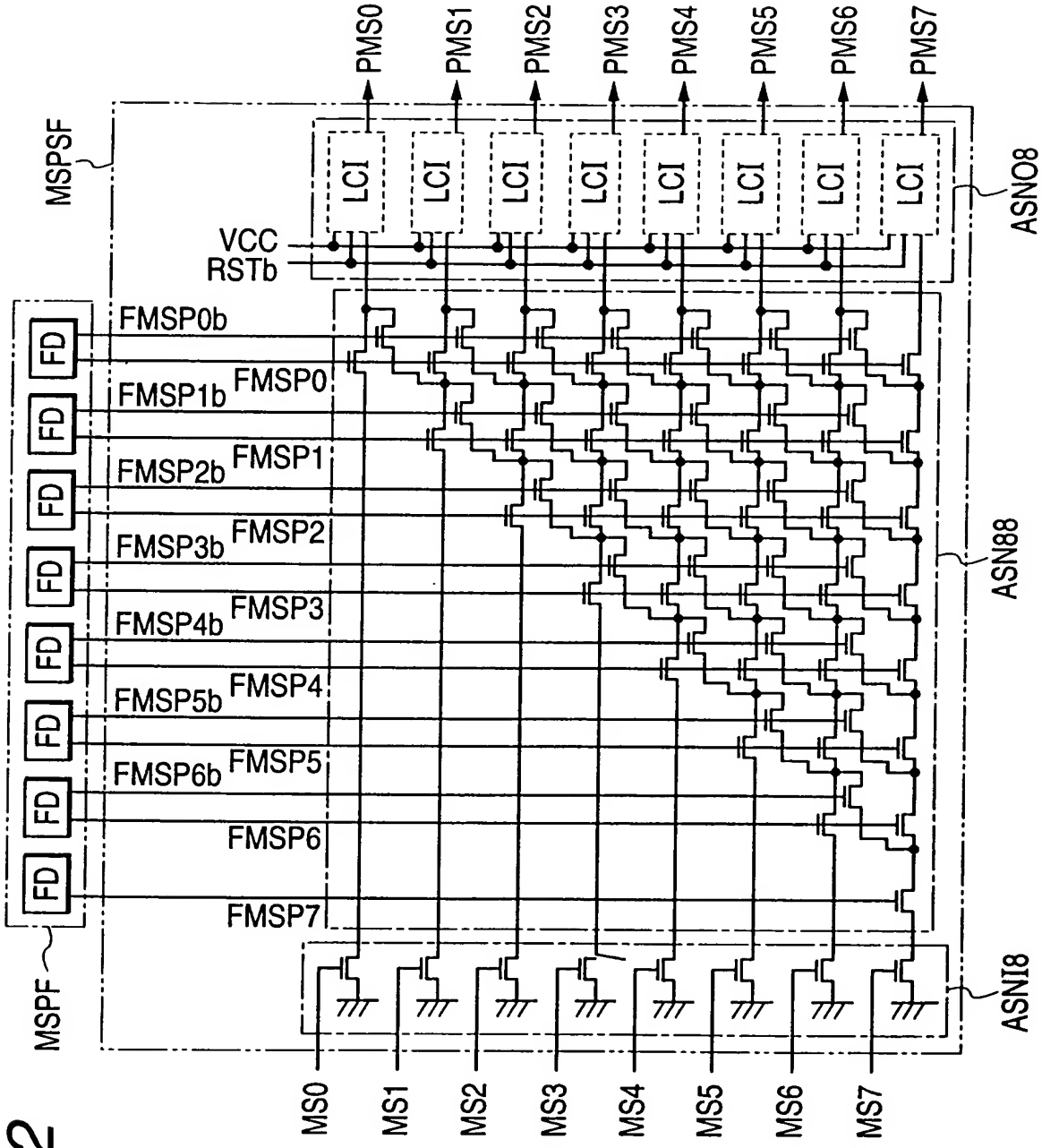

PMS0
PMS1
PMS2
PMS3
PMS4
PMS5
PMS6
PMS7
MSPSF
LCI
ASNO8
VCC
RSTb
FMSP0b
FMSP1b
FMSP0
FMSP2b
FMSP1
FMSP3b
FMSP2
FMSP4b
FMSP3
FMSP5b
FMSP4
FMSP6b
FMSP5
FMSP6
FMSP7
FD
ASN88
MSPF
ASNI8
MS0
MS1
MS2
MS3
MS4
MS5
MS6
MS7

FIG. 32

FIG. 33

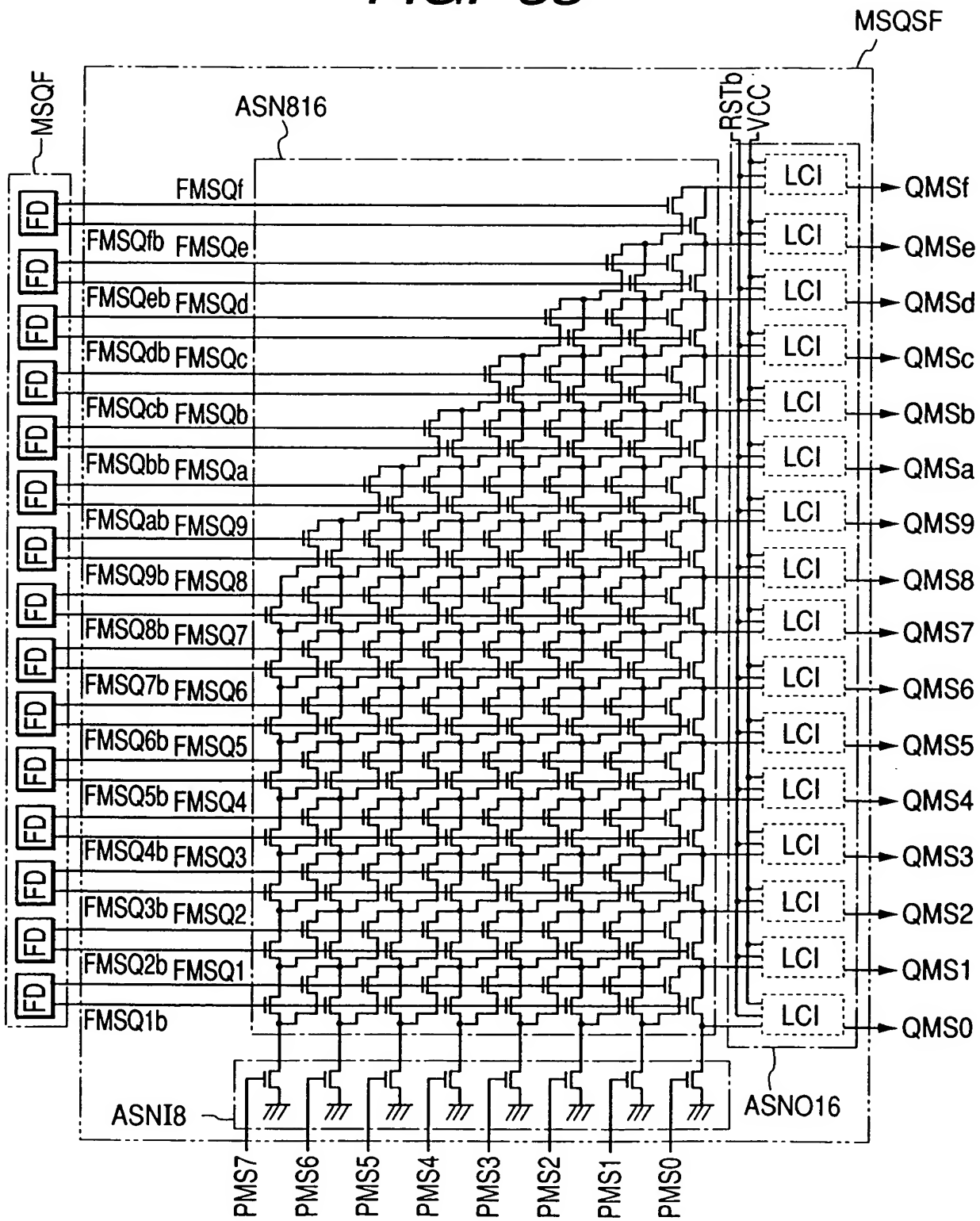

MSQSF
MSQF
ASN816
RSTb
VCC
FD
FMSQf
FMSQfb
FMSQe
FMSQeb
FMSQd
FMSQdb
FMSQc
FMSQcb
FMSQb
FMSQbb
FMSQa
FMSQab
FMSQ9
FMSQ9b
FMSQ8
FMSQ8b
FMSQ7
FMSQ7b
FMSQ6
FMSQ6b
FMSQ5
FMSQ5b
FMSQ4
FMSQ4b
FMSQ3
FMSQ3b
FMSQ2
FMSQ2b
FMSQ1
FMSQ1b
LCI
QMSf
QMSe
QMSd
QMSc
QMSb
QMSa
QMS9
QMS8
QMS7
QMS6
QMS5
QMS4
QMS3
QMS2
QMS1
QMS0
ASNI8
ASNO16
PMS7
PMS6
PMS5
PMS4
PMS3
PMS2
PMS1
PMS0

FIG. 34

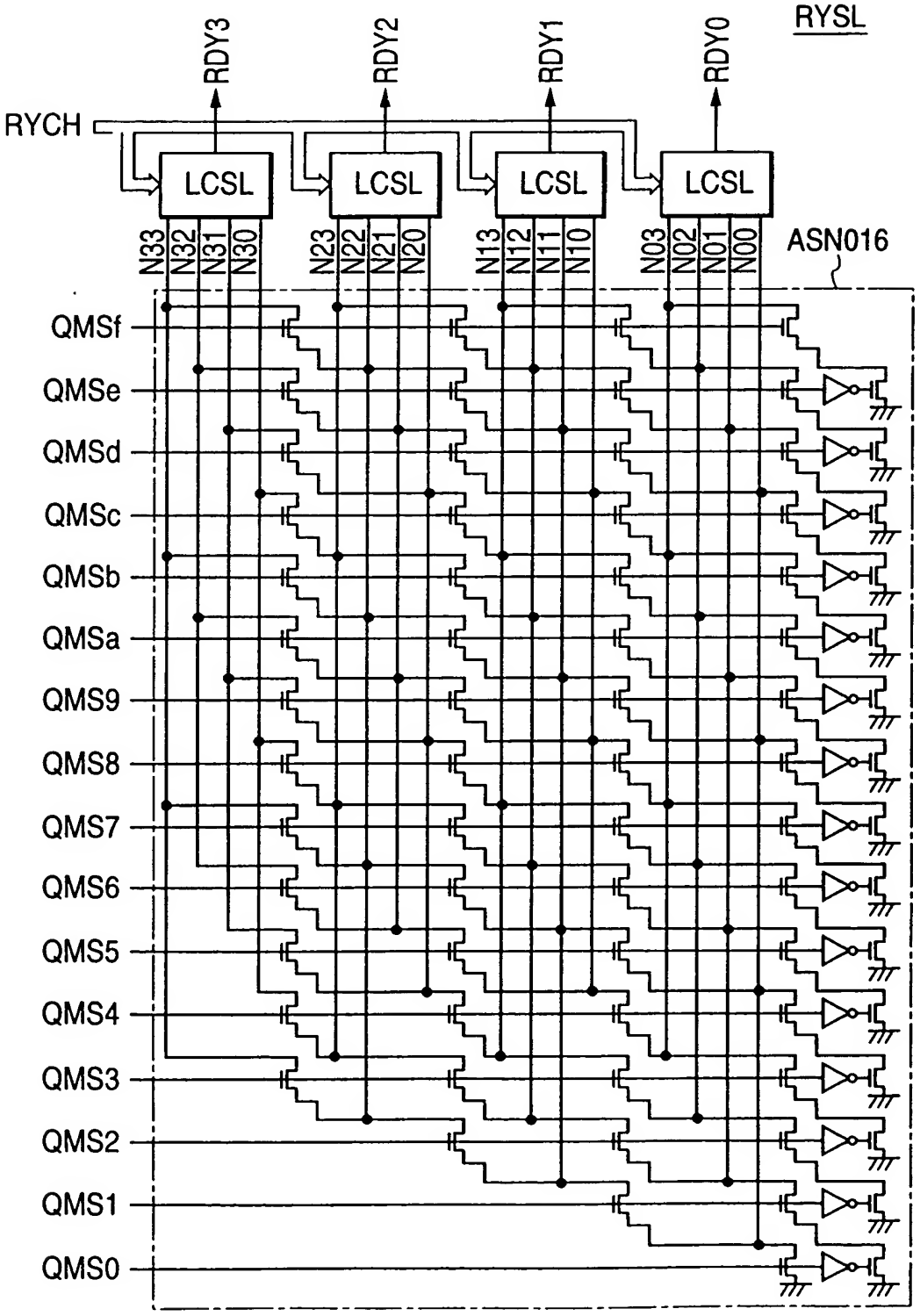

RYSL
RDY3
RDY2
RDY1
RDY0
RYCH
LCSL
LCSL
LCSL
LCSL
N33
N32
N31
N30
N23
N22
N21
N20
N13
N12
N11
N10
N03
N02
N01
N00
ASN016
QMSf
QMSe
QMSd
QMSc
QMSb
QMSa
QMS9
QMS8
QMS7
QMS6
QMS5
QMS4
QMS3
QMS2
QMS1
QMS0

FIG. 35

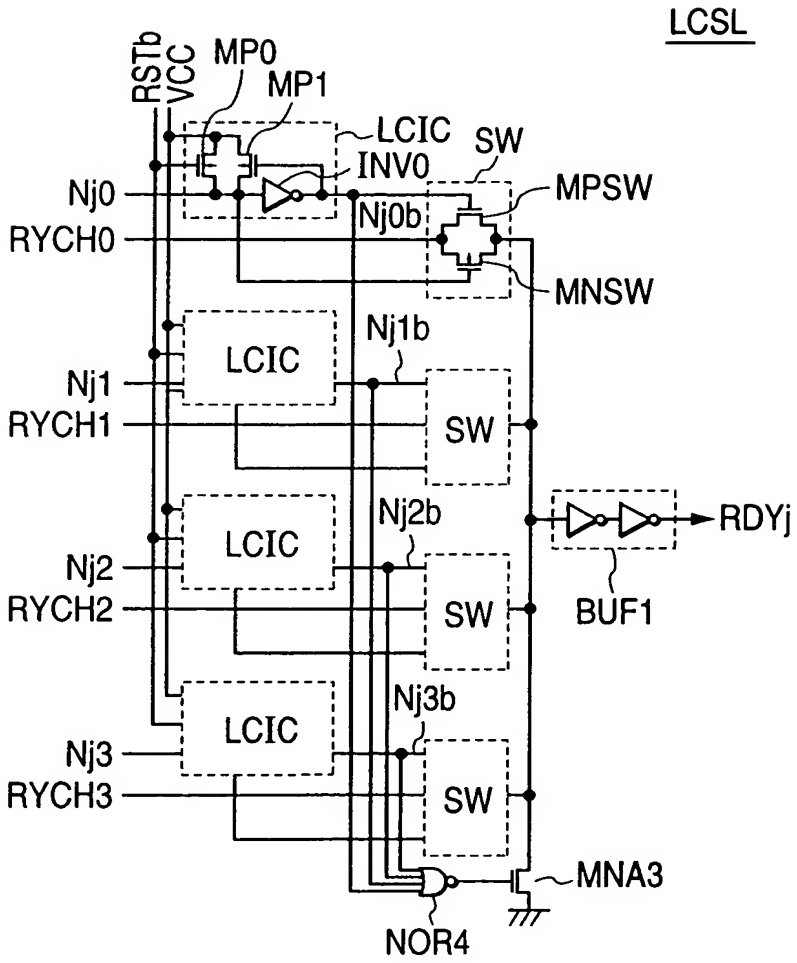

LCSL
RSTb
VCC
MP0
MP1
LCIC
INV0
SW
MPSW
Nj0
RYCH0
Nj0b
MNSW
LCIC
Nj1b
Nj1
RYCH1
SW
LCIC
Nj2b
RDYj
Nj2
RYCH2
SW
BUF1
LCIC
Nj3b
Nj3
RYCH3
SW
MNA3
NOR4

FIG. 36

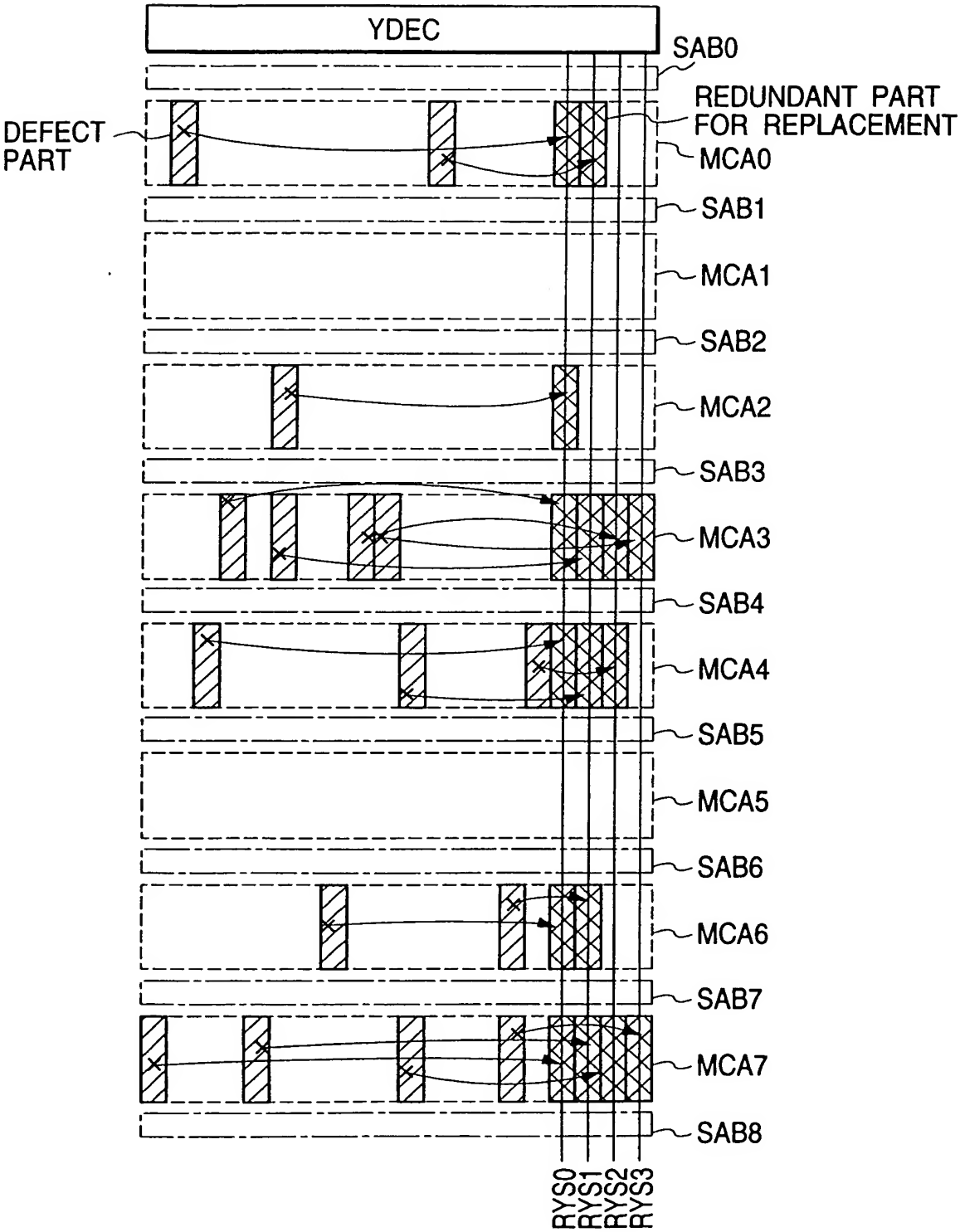

YDEC
SAB0
REDUNDANT PART
FOR REPLACEMENT
DEFECT
PART
MCA0
SAB1
MCA1
SAB2
MCA2
SAB3
MCA3
SAB4
MCA4
SAB5
MCA5
SAB6
MCA6
SAB7
MCA7
SAB8
RYS0
RYS1
RYS2
RYS3

FIG. 37

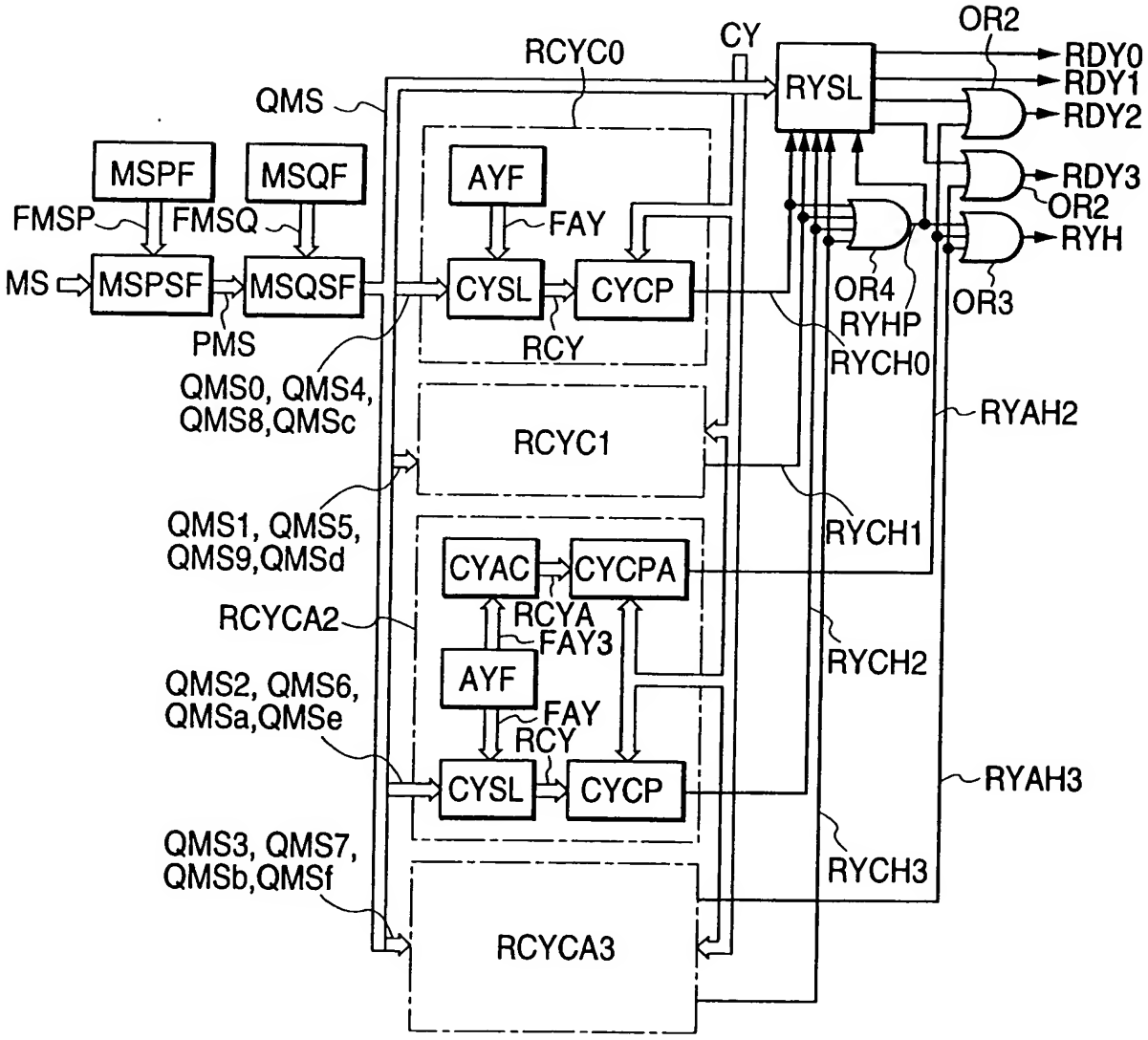

OR2
CY
RCYC0
RYSL
RDY0
RDY1
RDY2
QMS
MSPF
MSQF
AYF
RDY3
OR2
FMSP
FMSQ
FAY
RYH
MS
MSPSF
MSQSF
CYSL
CYCP
OR4
OR3
RYHP
PMS
RCY
RYCH0
QMS0, QMS4,
QMS8,QMSc
RCYC1
RYAH2
QMS1, QMS5,
QMS9,QMSd
RYCH1
CYAC
CYCPA
RCYA
RCYCA2
FAY3
RYCH2
AYF
QMS2, QMS6,
QMSa,QMSe
FAY
RCY
CYSL
CYCP
RYAH3
QMS3, QMS7,
QMSb,QMSf
RYCH3
RCYCA3

FIG. 38

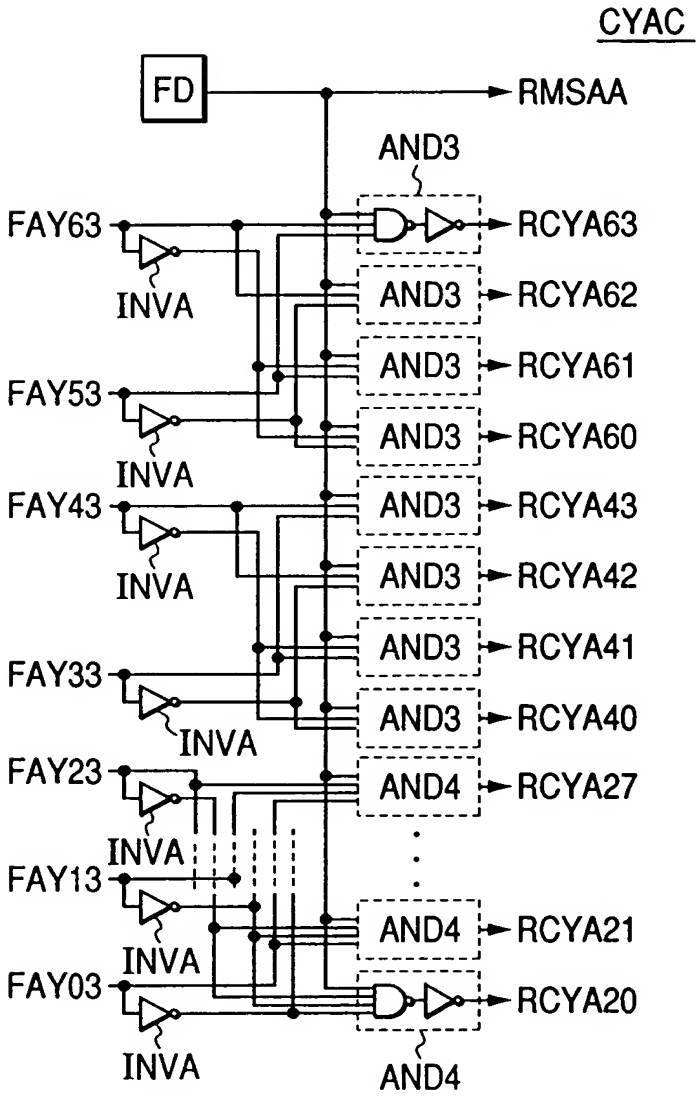

CYAC
FD
RMSAA
AND3
FAY63
INVA
RCYA63
AND3
RCYA62
AND3
RCYA61
FAY53
INVA
AND3
RCYA60
FAY43
INVA
AND3
RCYA43
AND3
RCYA42
AND3
RCYA41
FAY33
INVA
AND3
RCYA40
FAY23
INVA
AND4
RCYA27
FAY13
INVA
AND4
RCYA21
FAY03
INVA
RCYA20
AND4

FIG. 39

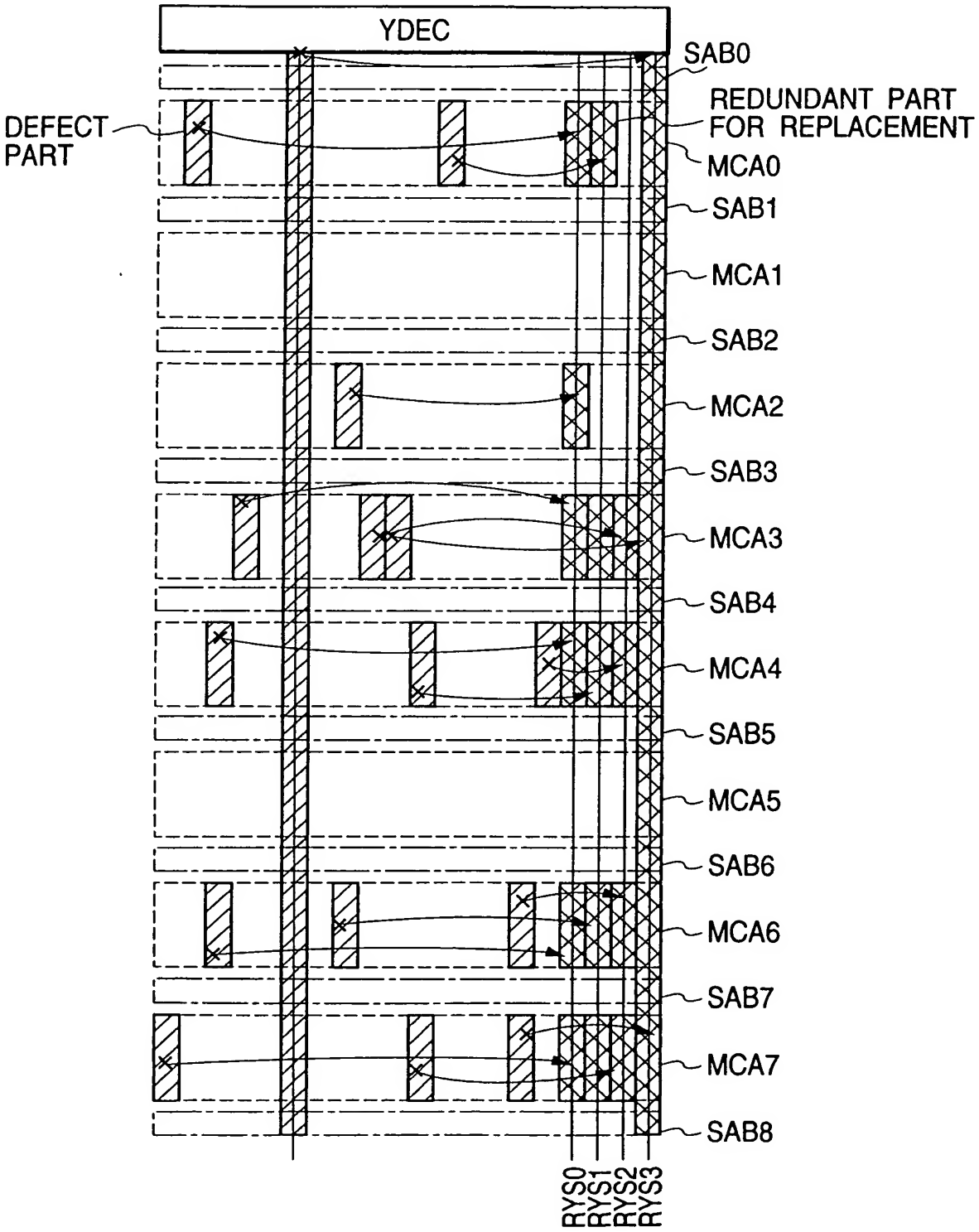

YDEC
SAB0
REDUNDANT PART
FOR REPLACEMENT
DEFECT
PART
MCA0
SAB1
MCA1
SAB2
MCA2
SAB3
MCA3
SAB4
MCA4
SAB5
MCA5
SAB6
MCA6
SAB7
MCA7
SAB8
RYS0
RYS1
RYS2
RYS3

FIG. 40

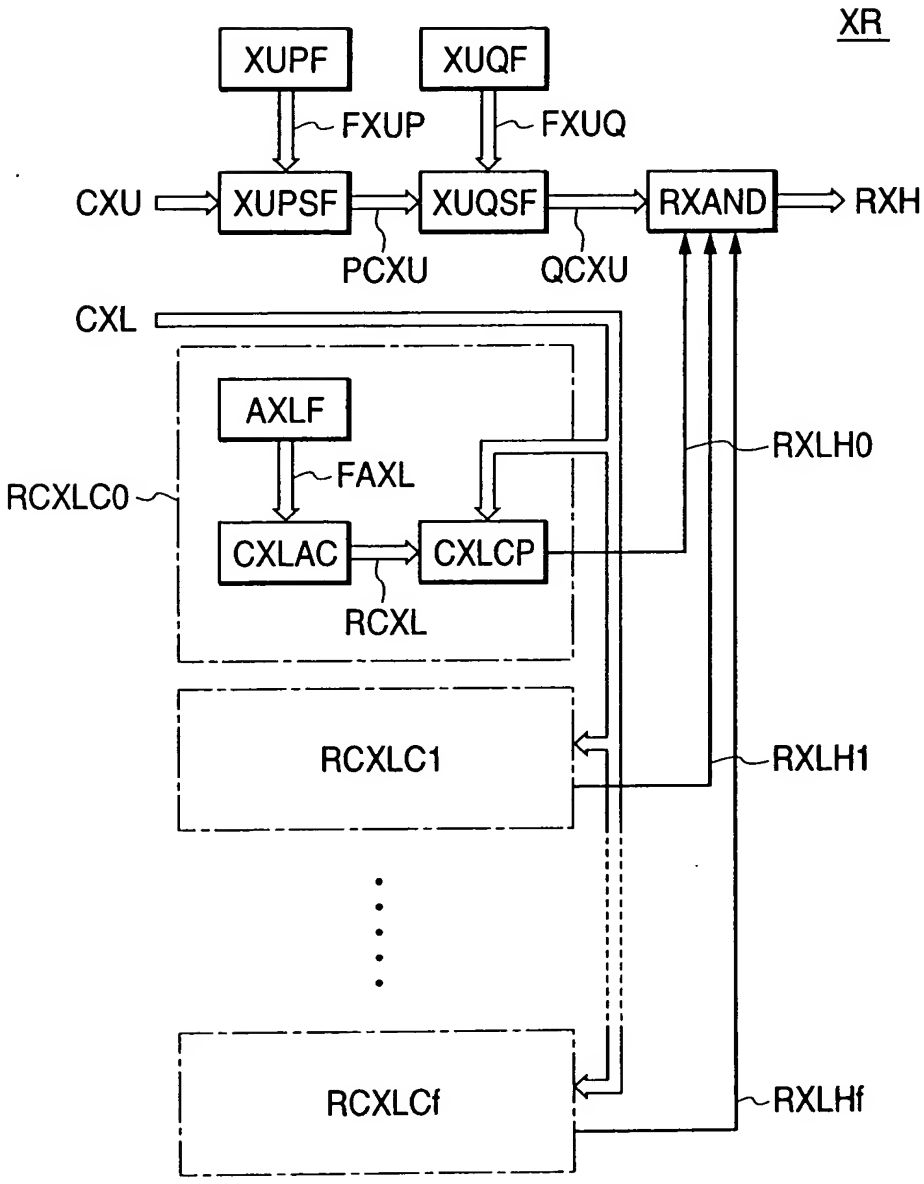

XR
XUPF
XUQF
FXUP
FXUQ
CXU
XUPSF
XUQSF
RXAND
RXH
PCXU
QCXU
CXL
AXLF
FAXL
RCXLC0
CXLAC
CXLCP
RCXL
RXLH0
RCXLC1
RXLH1
RCXLCf
RXLHf

FIG. 41

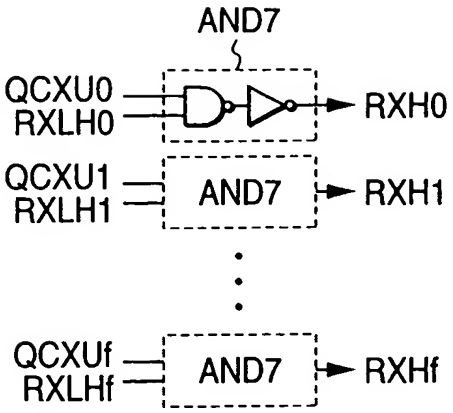

AND7
QCXU0
RXLH0
RXH0
QCXU1
RXLH1
AND7
RXH1
QCXUf
RXLHf
AND7
RXHf

FIG. 44

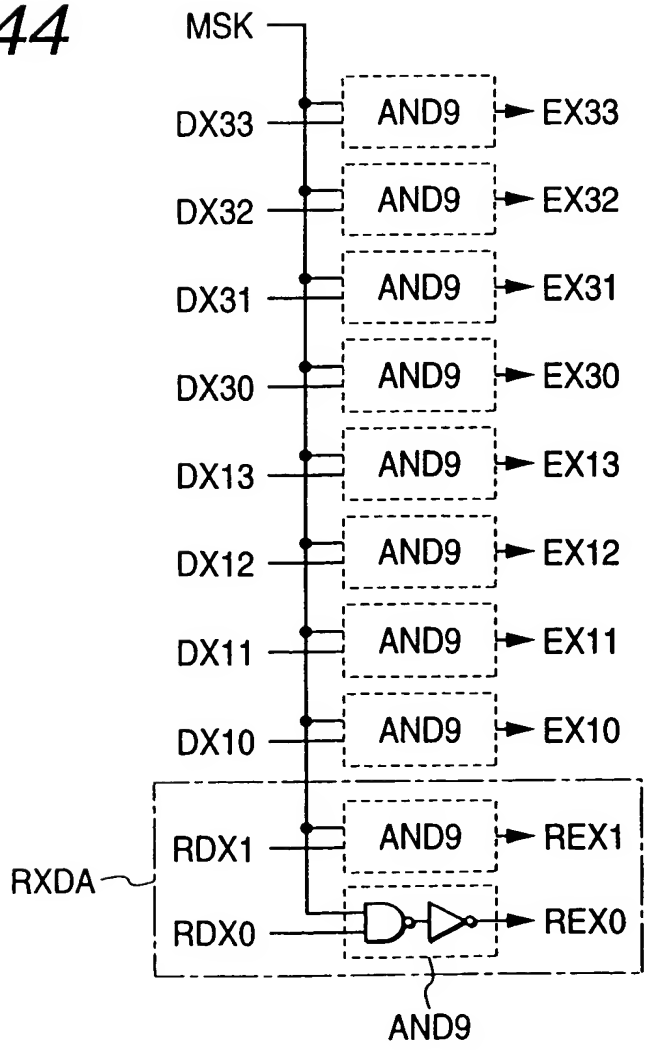

MSK
DX33
AND9
EX33
DX32
AND9
EX32
DX31
AND9
EX31
DX30
AND9
EX30
DX13
AND9
EX13
DX12
AND9
EX12
DX11
AND9
EX11
DX10
AND9
EX10
RXDA
RDX1
AND9
REX1
RDX0
REX0
AND9

FIG. 42

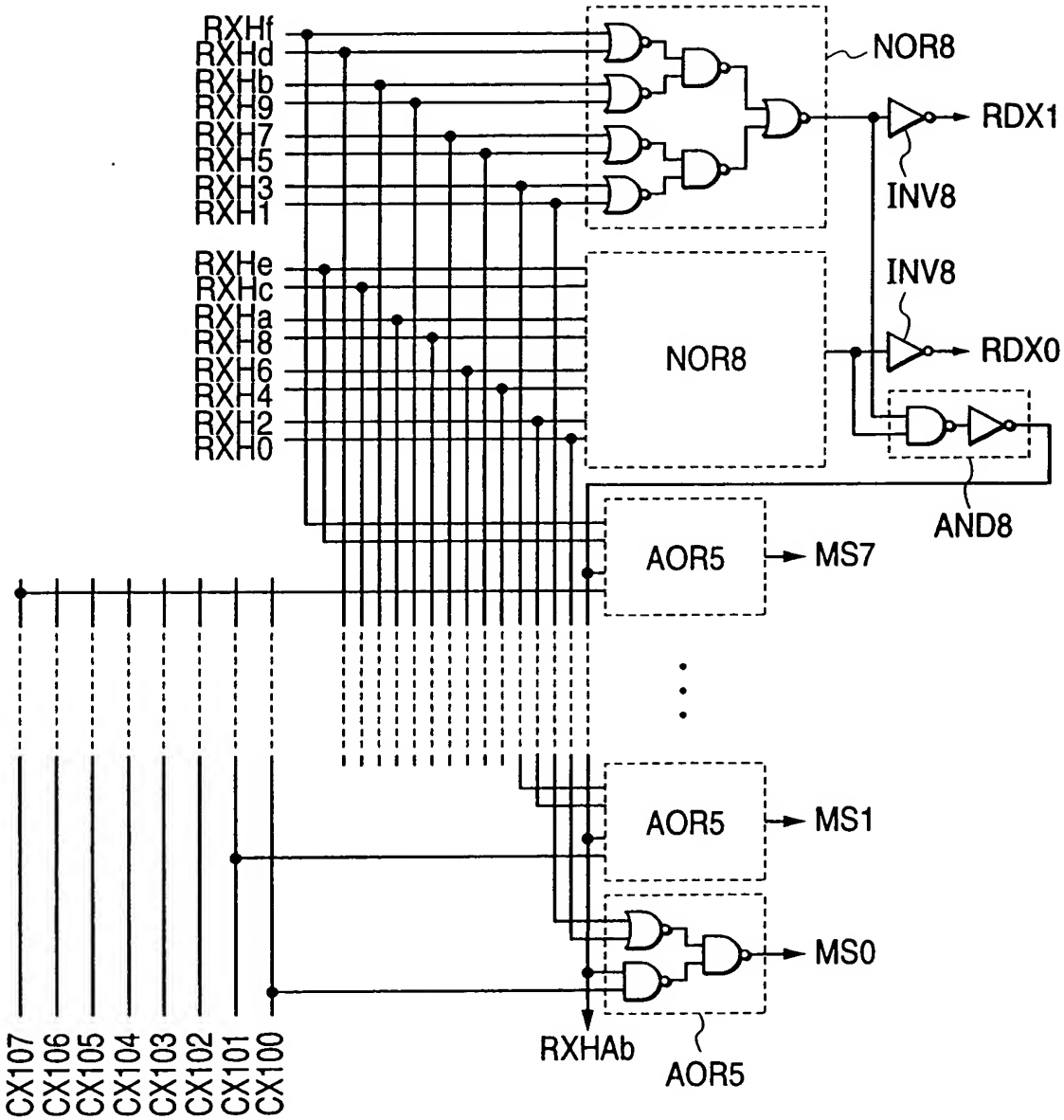

RXHf
RXHd
RXHb
RXH9
RXH7
RXH5
RXH3
RXH1
RXHe
RXHc
RXHa
RXH8
RXH6
RXH4
RXH2
RXH0
NOR8
NOR8
RDX1
INV8
INV8
RDX0
AND8
AOR5
MS7
AOR5
MS1
MS0
AOR5
RXHAb
CX107
CX106
CX105
CX104
CX103
CX102
CX101
CX100

FIG. 43

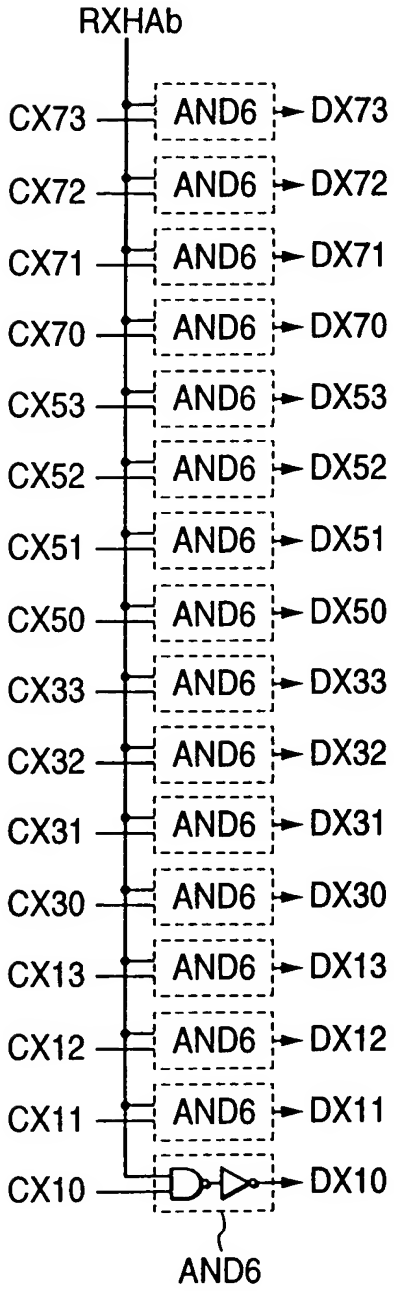

RXHAb
CX73
CX72
CX71
CX70
CX53
CX52
CX51
CX50
CX33
CX32
CX31
CX30
CX13
CX12
CX11
CX10
AND6
DX73
DX72
DX71
DX70
DX53
DX52
DX51
DX50
DX33
DX32
DX31
DX30
DX13
DX12
DX11
DX10
AND6

FIG. 45

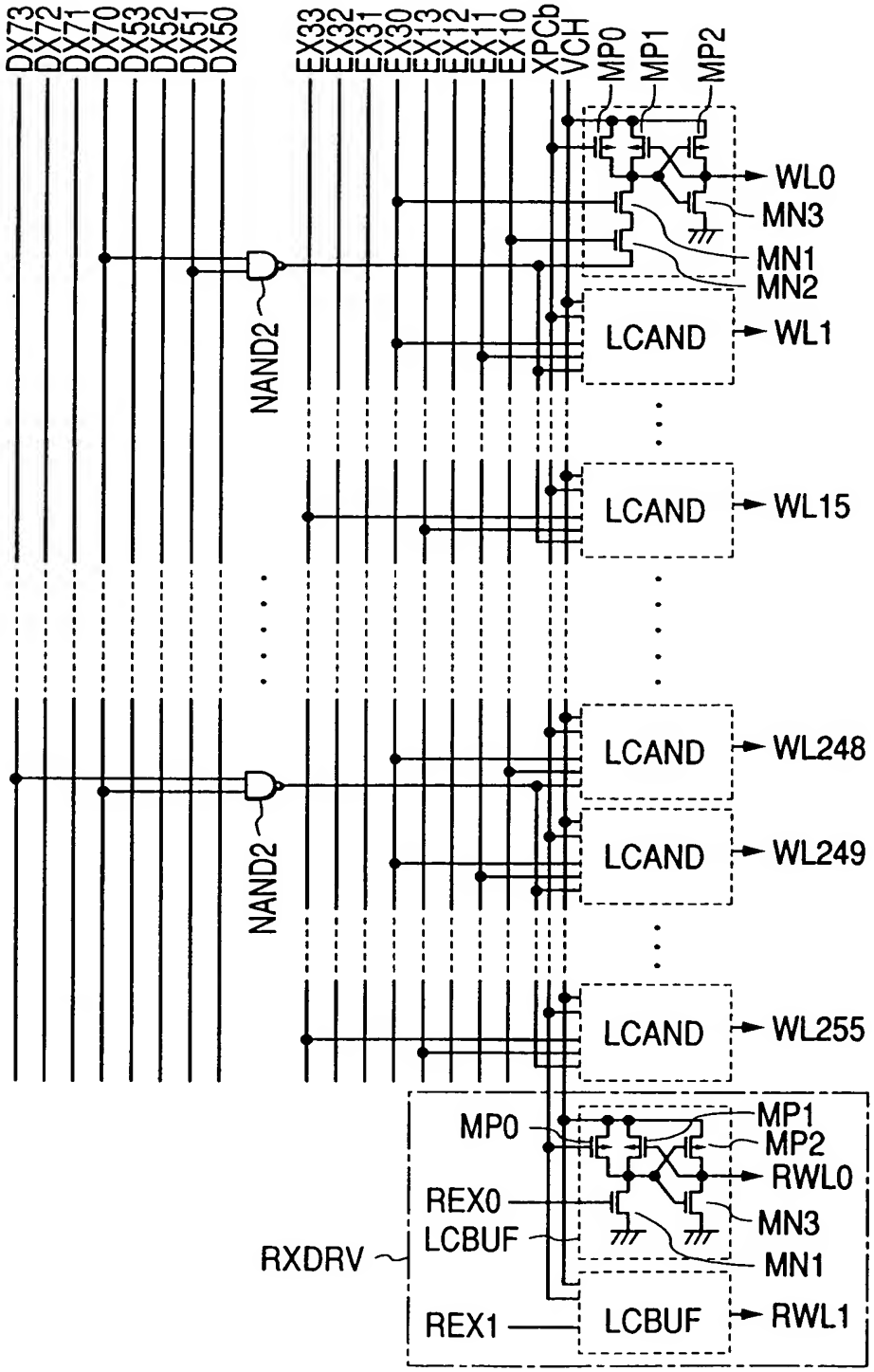

DX73
DX72
DX71
DX70
DX53
DX52
DX51
DX50
EX33
EX32
EX31
EX30
EX13
EX12
EX11
EX10
XPCb
VCH
MP0
MP1
MP2
WL0
MN3
MN1
MN2
LCAND
WL1
NAND2
LCAND
WL15
LCAND
WL248
LCAND
WL249
LCAND
WL255
NAND2
MP0
MP1
MP2
RWL0
REX0
MN3
LCBUF
RXDRV
MN1
REX1
LCBUF
RWL1

FIG. 46

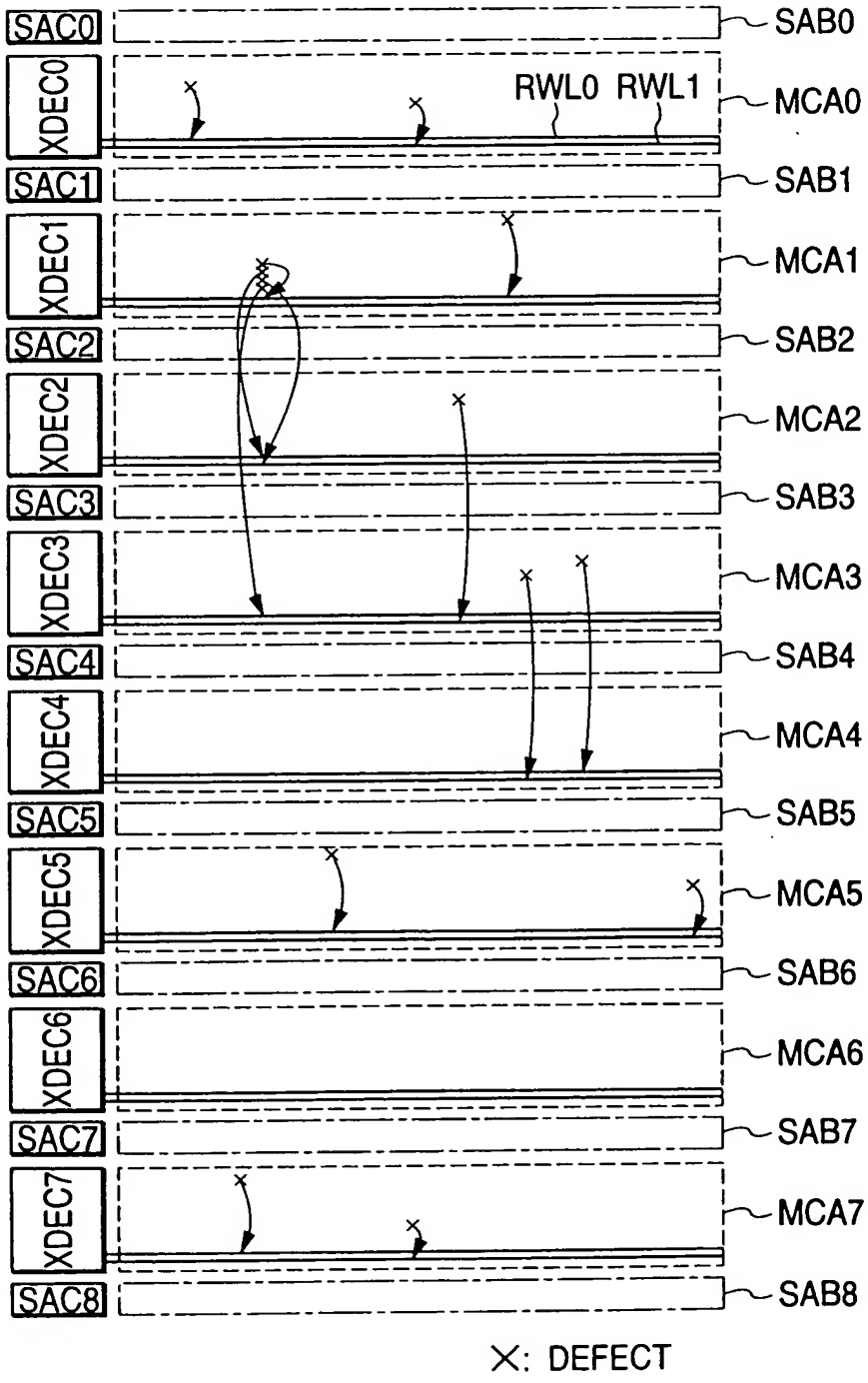

SAC0
SAB0
XDEC0
RWL0 RWL1
MCA0
SAC1
SAB1
XDEC1
MCA1
SAC2
SAB2
XDEC2
MCA2
SAC3
SAB3
XDEC3
MCA3
SAC4
SAB4
XDEC4
MCA4
SAC5
SAB5
XDEC5
MCA5
SAC6
SAB6
XDEC6
MCA6
SAC7
SAB7
XDEC7
MCA7
SAC8
SAB8
×: DEFECT

FIG. 47

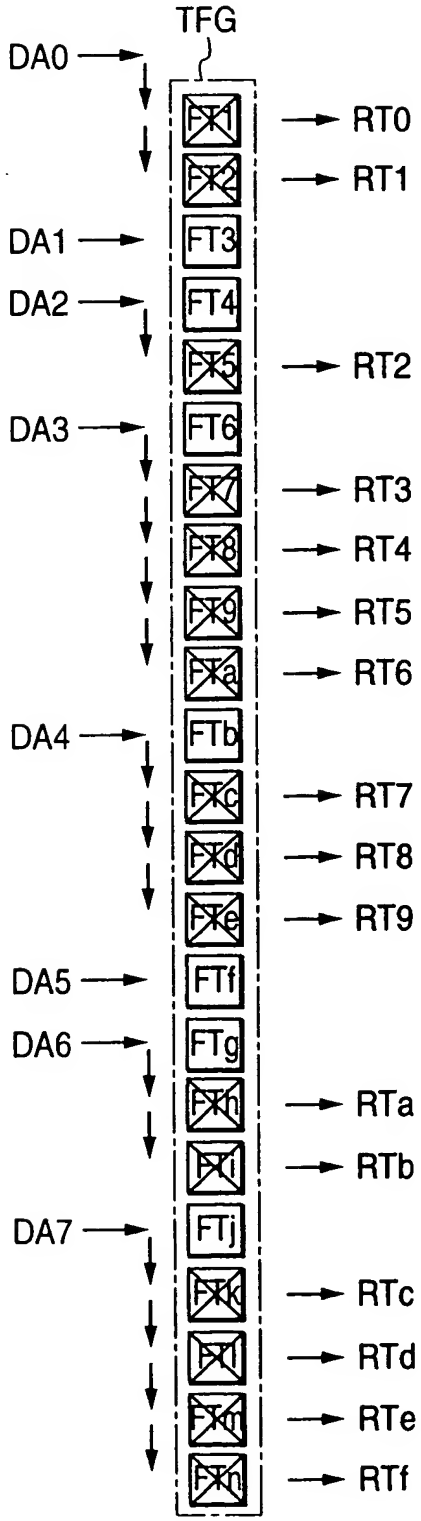

TFG
DA0
DA1
DA2
DA3
DA4
DA5
DA6
DA7
FT1
FT2
FT3
FT4
FT5
FT6
FT7
FT8
FT9
FTa
FTb
FTc
FTd
FTe
FTf
FTg
FTh
FTi
FTj
FTk
FTl
FTm
FTn
RT0
RT1
RT2
RT3
RT4
RT5
RT6
RT7
RT8
RT9
RTa
RTb
RTc
RTd
RTe
RTf

FIG. 48

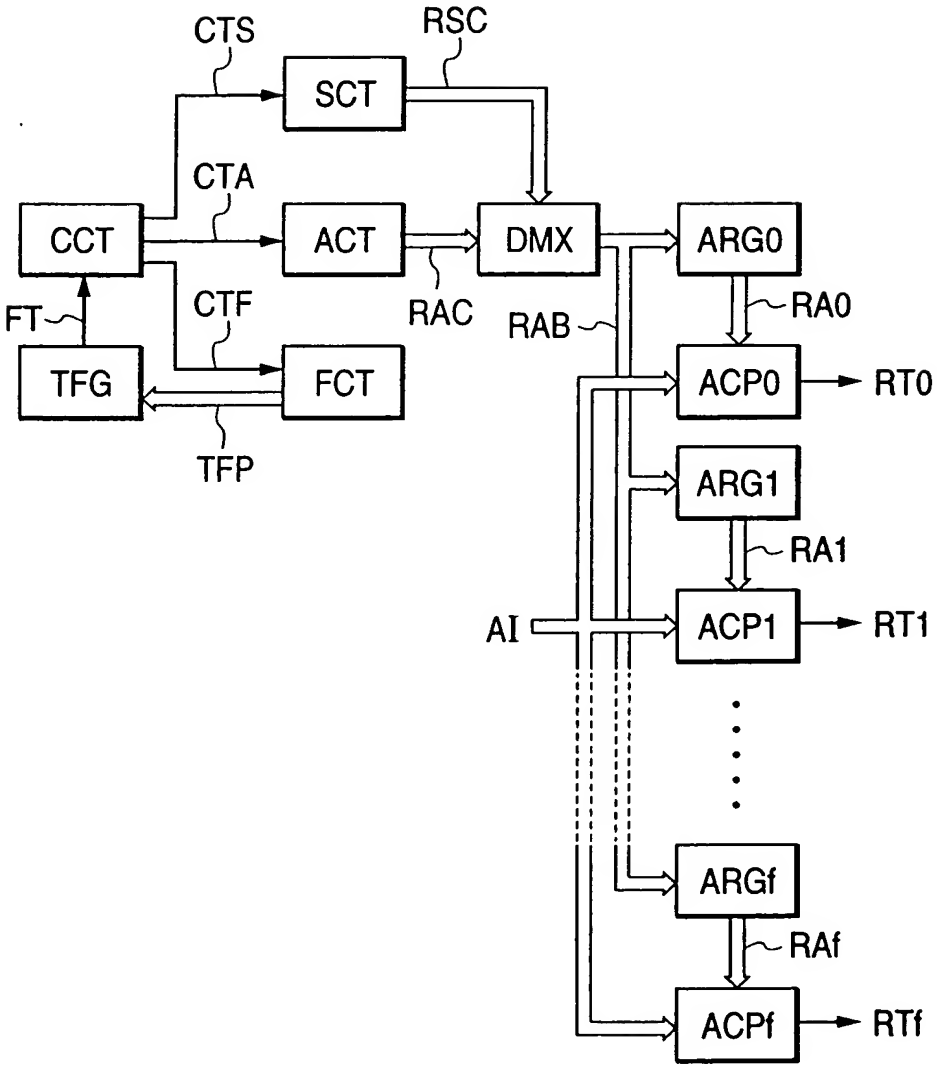

CTS
RSC
SCT
CTA
CCT
ACT
DMX
ARG0
RA0
FT
CTF
RAC
RAB
TFG
FCT
ACP0
RT0
TFP
ARG1
RA1
AI
ACP1
RT1
ARGf
RAf
ACPf
RTf

FIG. 49

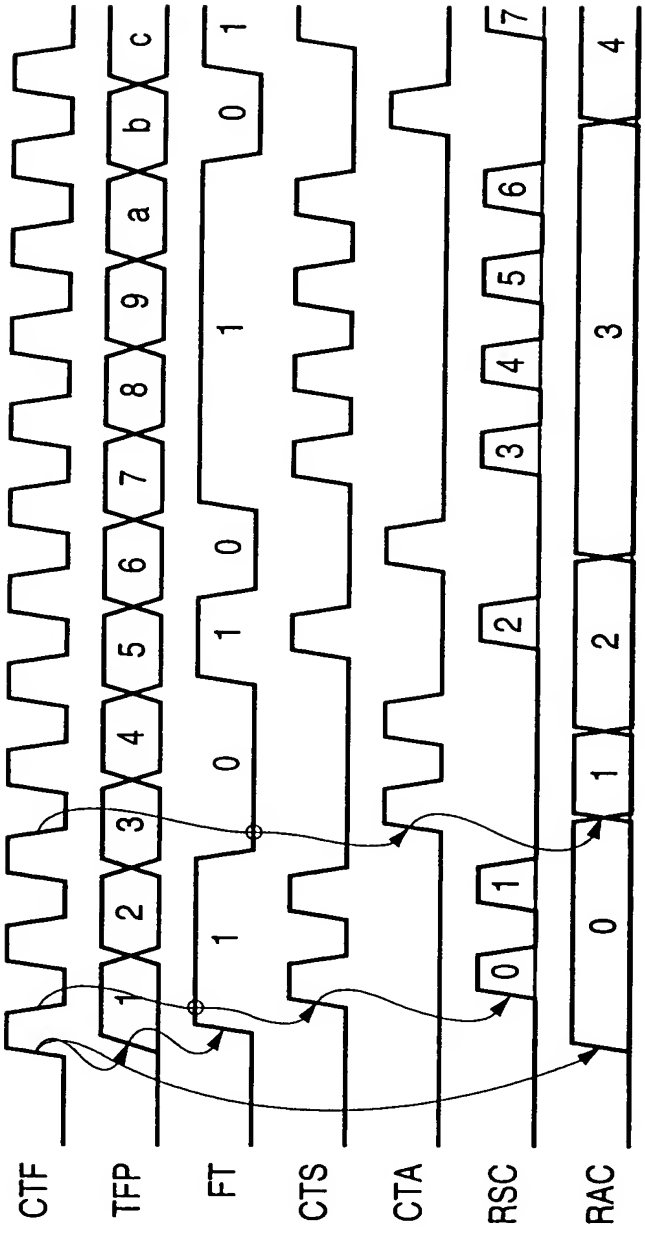


FIG. 50

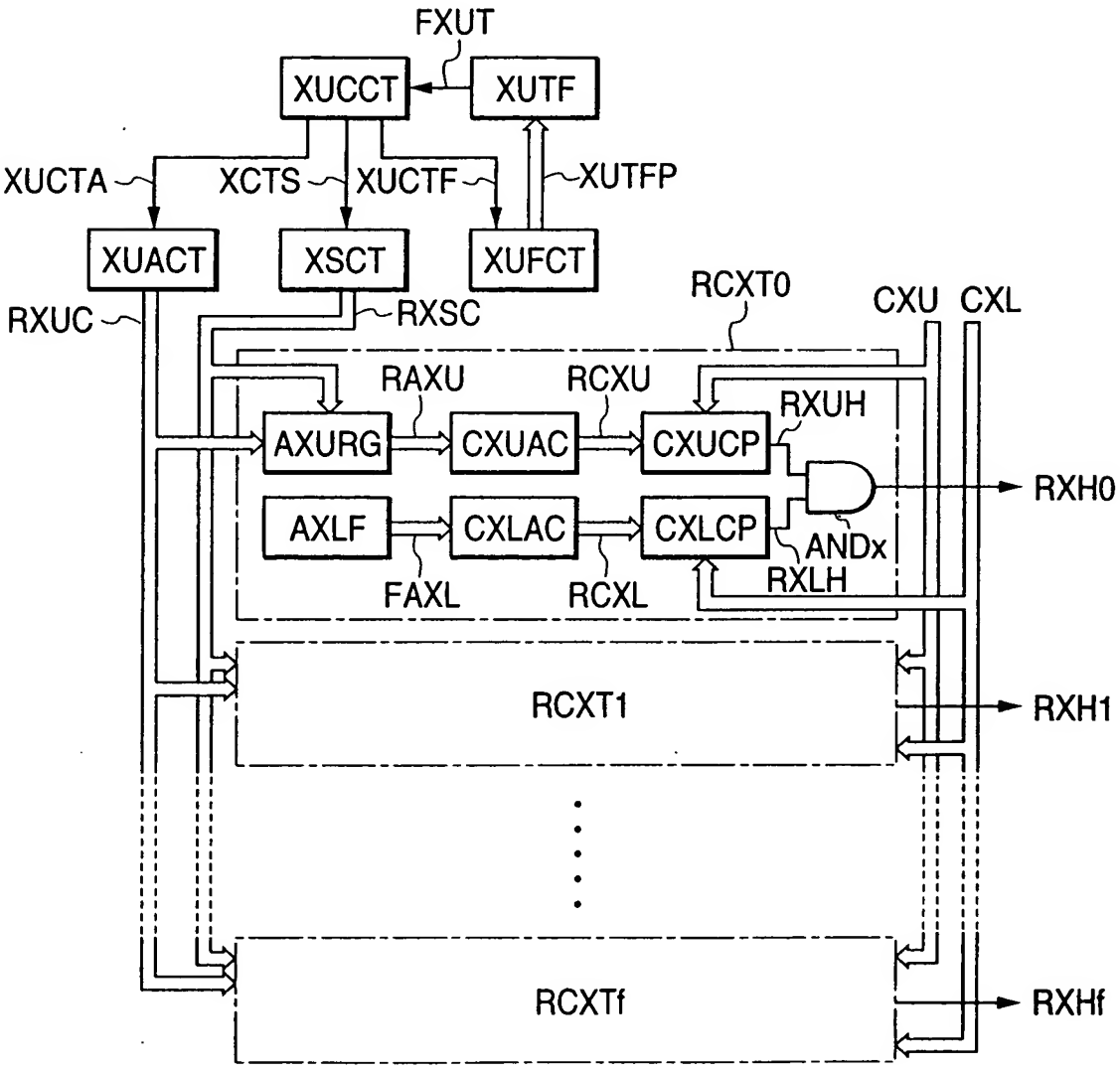

FXUT
XUCCT
XUTF
XUCTA
XCTS
XUCTF
XUTFP
XUACT
XSCT
XUFCT
RXUC
RXSC
RCXT0
CXU
CXL
RAXU
RCXU
RXUH
AXURG
CXUAC
CXUCP
RXH0
AXLF
CXLAC
CXLCP
ANDx
RXLH
FAXL
RCXL
RCXT1
RXH1
RCXTf
RXHf

FIG. 51

(a)

	FMS7	FMS6	FMS5	FMS4	FMS3	FMS2	FMS1	FMS0	FMSA
RYC0	0	1	0	1	0	0	1	1	0
RYC1	0	1	0	1	0	1	1	0	0
RYC2	1	1	1	0	0	0	1	0	0
RYC3	0	0	0	0	0	0	0	0	1

(b)

	RMS3	RMS2	RMS1	RMS0
RYC0	MS6	MS4	MS1	MS0
RYC1	MS6	MS4	MS2	MS1
RYC2	MS7	MS6	MS5	MS1
RYC3	1	0	0	0

FIG. 52

(a)

	FMS7	FMS6	FMS5	FMS4	FMS3	FMS2	FMS1	FMS0	FMSA
RYEC0	0	0	0	1	1	0	1	1	0
RYEC1	0	0	0	1	0	1	1	1	0
RYEC2	0	1	1	1	0	0	1	0	0
RYEC3	0	0	0	0	0	0	0	0	1

(b)

	FME67	FME56	FME45	FME34	FME23	FME12	FME01
RYEC0	1	1	1	0	0	1	0
RYEC1	1	1	1	0	1	0	0
RYEC2	0	0	0	0	0	0	0
RYEC3	0	0	0	0	0	0	0

(c)

	RMS3	RMS2	RMS1	RMS0
RYEC0	MS7+MS6 +MS5+MS4	MS3	MS2+MS1	MS0
RYEC1	MS7+MS6 +MS5+MS4	MS3+MS2	MS1	MS0
RYEC2	MS6	MS5	MS4	MS1
RYEC3	1	0	0	0

FIG. 53

(a)

FMSP0	1
FMSP1	0
FMSP2	1
FMSP3	1
FMSP4	1
FMSP5	0
FMSP6	1
FMSP7	1

(b)

PMS0	MS0
PMS1	MS2
PMS2	MS3
PMS3	MS4
PMS4	MS6
PMS5	MS7
PMS6	0
PMS7	0

(c)

FMSQ1	1
FMSQ2	0
FMSQ3	0
FMSQ4	1
FMSQ5	1
FMSQ6	1
FMSQ7	0
FMSQ8	1
FMSQ9	1
FMSQa	0
FMSQb	1
FMSQc	0
FMSQd	1
FMSQe	1
FMSQf	1

(d)

QMS0	PMS0	MS0
QMS1	PMS0	MS0
QMS2	PMS1	MS2
QMS3	PMS2	MS3
QMS4	PMS2	MS3
QMS5	PMS2	MS3
QMS6	PMS2	MS3
QMS7	PMS3	MS4
QMS8	PMS3	MS4
QMS9	PMS3	MS4
QMSa	PMS4	MS6
QMSb	PMS4	MS6
QMSc	PMS5	MS7
QMSd	PMS5	MS7
QMSe	PMS5	MS7
QMSf	PMS5	MS7

(e)

RDY0	(MS0+MS7) X RYCH0+(MS2+MS6) X RYCH2 +(MS3+MS4) X RYCH3
RDY1	(MS3+MS4) X RYCH0+(MS0+MS7) X RYCH1 +MS6 X RYCH3
RDY2	(MS3+MS4) X RYCH1+MS7 X RYCH2
RDY3	MS3 X RYCH2+MS7 X RYCH3

FIG. 54

(a)

FMSQ1	1
FMSQ2	0
FMSQ3	0
FMSQ4	1
FMSQ5	1
FMSQ6	0
FMSQ7	1
FMSQ8	1
FMSQ9	0
FMSQa	1
FMSQb	1
FMSQc	0
FMSQd	1
FMSQe	1
FMSQf	0

(b)

QMS0	PMS0	MS0
QMS1	PMS0	MS0
QMS2	PMS1	MS2
QMS3	PMS2	MS3
QMS4	PMS2	MS3
QMS5	PMS2	MS3
QMS6	PMS3	MS4
QMS7	PMS3	MS4
QMS8	PMS3	MS4
QMS9	PMS4	MS6
QMSa	PMS4	MS6
QMSb	PMS4	MS6
QMSc	PMS5	MS7
QMSd	PMS5	MS7
QMSe	PMS5	MS7
QMSf	PMS6	0

(c)

RDY0	(MS0+MS7) X RYCH0+MS6 X RYCH1 +(MS2+MS4) X RYCH2+MS3 X RYCH3
RDY1	MS3 X RYCH0+(MS0+MS7) X RYCH1 +MS6 X RYCH2+MS4 X RYCH3
RDY2	MS4 X RYCH0+MS3 X RYCH1 +MS7 X RYCH2+MS6 X RYCH3
RDY3	RYAH3

FIG. 55

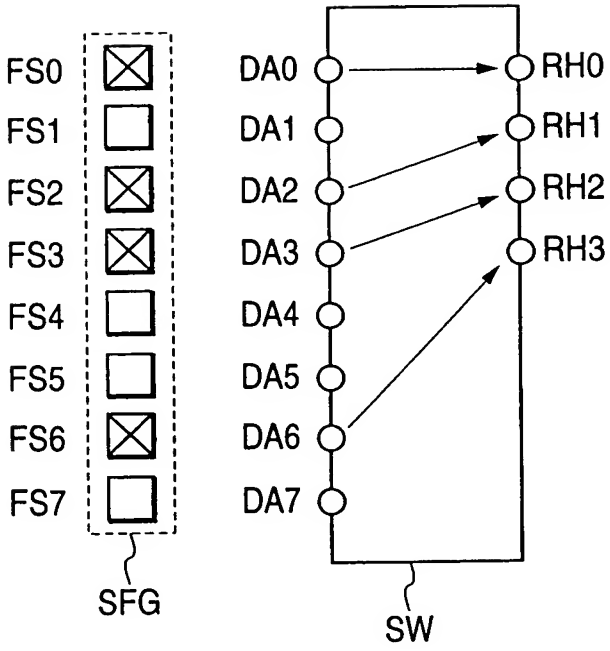
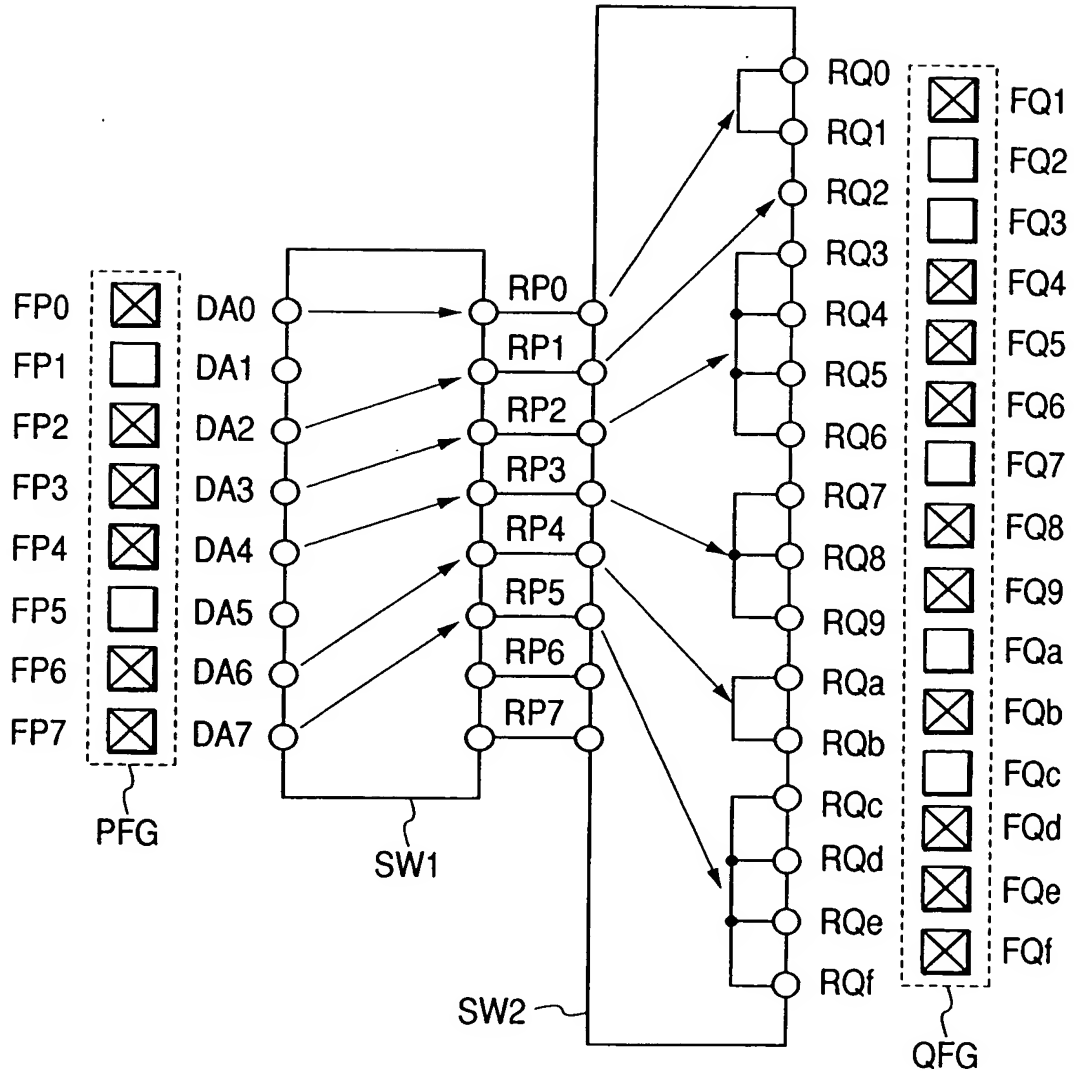

FS0
FS1
FS2
FS3
FS4
FS5
FS6
FS7
SFG
DA0
DA1
DA2
DA3
DA4
DA5
DA6
DA7
RH0
RH1
RH2
RH3
SW

FIG. 56


FP0
FP1
FP2
FP3
FP4
FP5
FP6
FP7
PFG
DA0
DA1
DA2
DA3
DA4
DA5
DA6
DA7
SW1
RP0
RP1
RP2
RP3
RP4
RP5
RP6
RP7
SW2
RQ0
RQ1
RQ2
RQ3
RQ4
RQ5
RQ6
RQ7
RQ8
RQ9
RQa
RQb
RQc
RQd
RQe
RQf
FQ1
FQ2
FQ3
FQ4
FQ5
FQ6
FQ7
FQ8
FQ9
FQa
FQb
FQc
FQd
FQe
FQf
QFG